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QUARTERLY REPORT #4

FIELD DATA

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SHOUT
SHARE
IT

Final Submission

DATA AVAILABLE IN LONG BLACK NOTEBOOK. THE FOLLOWING DATA IS PRELIMINARY. PLEASE REFER TO FINAL SUBMISSION OF JULY 19, 1976.

AIR QUALITY DATA

PROTOTYPE OIL SHALE LEASE TRACTS Ua AND Ub

September 75 - November 75

Submitted 19 July 1976

AeroVironment Inc.
145 Vista Avenue
Pasadena, California 91107

PREFACE

This volume is the Final submission of data acquired during the air quality/meteorology/noise/radiology portions of the environmental baseline monitoring program for oil shale tracts Ua and Ub.

This covers the fifth quarter from 1 September 1975 through 30 November 1975.

The data presented herein appears in two volumes:

Volume I - Meteorology

A. Data Tabulations for all sites, in order by site number

1. Wind Speed, WS, 10 m, 20 m, 30 m
2. Wind Direction, WD, 10 m, 20 m, 30 m
3. Temperature, T
4. Lapse Rate, ΔT, between 10-30 m
5. Root-mean-square variation in wind direction, $\sigma\theta$
6. Root-mean-square variation in vertical wind speed, σw
7. Solar Radiation, SR
8. Barometric Pressure, BP
9. Dewpoint, DPT
10. Relative Humidity, RH

B. Miscellaneous Data

1. Weather Log
2. Rawinsonde Data Plots

Volume II - Air Quality

A. In order of site number.

1. Total Sulfur, TS
2. Hydrogen Sulfide, H_2S
3. Sulfur Dioxide, SO_2
4. Total Hydrocarbons, THC, expressed as $\mu g/m^3$ of CH_4
5. Methane, CH_4
6. Hydrocarbons (methane-reduced), $HC = THC - CH_4$, expressed as $\mu g/m^3$ of CH_4
7. Carbon Monoxide, CO
8. Nitrogen Oxides, NO_x, expressed as $\mu g/m^3$ of NO_2
9. Nitric Oxide, $NO = NO_x - NO$
10. Nitrogen Dioxide, NO_2
11. Ozone
12. Scattering coefficient, b_s
13. Local Visual Range, L_v, derived from b_s
14. Coefficient of Haze, COH

B. Miscellaneous Data

1. High Volume Sampler, suspended particulates
2. Radiation measurements by the high pressure ion chamber (rotated among all 12 sites)
3. Radiation Survey
4. Radiation Dosage by Thermo-Luminescent Dosimetry
5. Gross Radiation of Particulates
6. Trace metals
7. Noise Survey (begins April 1975)

Not all sites measure all of these parameters.

The data tabulations contain average values for each day, and the peak hourly average for the day. Along the bottom, the average for each hour, averaged over the month, is compiled. Air Quality data is given in $\mu g/m^3$ usually, with values for NO_x computed on the basis of the molecular weight of NO_2 and those for HC and THC based on the molecular weight for CH_4.

On the wind direction sheets, "PV" and "PREV" indicate prevailing wind direction divided into 16 sectors with a "1" indicating a prevailing direction between 348.5 and 11.0 degrees, a "2" corresponding to 11.5 to 34.0 degrees, and so forth, i.e., a "1" indicates wind from the 22.5° sector centered on N, a "2" indicates winds generally from the NNE, a "3" from the NE, etc.

Symbols used on the data sheets are:

CA	Calibration
MT	Maintenance (changing paper, tape, filters)
FO	Flame out (on the gas chromatographs)
IM	Instrument malfunction, not discovered until after data had been collected.
PF	Power Failure (generator failure)
RF	Recording system failure (chart jams, runs out, tape punch fails)
LI	Local Interference (car nearby, contamination by generator)
OS	Off scale (at top of chart, data presumed good)
SE	Special experiment (instrument off-line for bag sample analysis or removed for special measurements in area)
VA	Variable wind direction
OR	Out for repair (Instrument problem has been recognized and the instrument is no longer sampling while being repaired.) Effective as of the November, 1975 data.

III. AIR RESOURCES AND METEOROLOGY

Final Submission

DATA AVAILABLE IN LONG BLACK NOTEBOOK. THE FOLLOWING DATA IS PRELIMINARY. PLEASE REFER TO FINAL SUBMISSION OF 19 JULY 1976

AIR QUALITY DATA

PROTOTYPE OIL SHALE LEASE TRACTS Ua AND Ub

June 75 - August 75

Submitted 19 July 1976

AeroVironment Inc.
145 Vista Ave.
Pasadena, California 91107

PREFACE

This volume is the Final submission of data acquired during the air quality/meteorology/noise/radiology portions of the environmental baseline monitoring program for oil shale tracts Ua and Ub.

This covers the fourth quarter from 1 June 1975 through 31 August 1975.

The data presented herein appears in two volumes:

Volume I - Meteorology

A. Data Tabulations for all sites, in order by site number

1. Wind Speed, WS, 10 m, 20 m, 30 m
2. Wind Direction, WD, 10 m, 20 m, 30 m
3. Temperature, T
4. Lapse Rate, ΔT, between 10-30 m
5. Root-mean-square variation in wind direction, $\sigma\theta$
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8. Barometric Pressure, BP
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1. Weather Log
2. Rawinsonde Data Plots

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3. Sulfur Dioxide, SO_2
4. Total Hydrocarbons, THC, expressed as $\mu g/m^3$ of CH_4
5. Methane, CH_4
6. Hydrocarbons (methane-reduced), HC = THC-CH_4, expressed as $\mu g/m^3$ of CH_4
7. Carbon Monoxide, CO
8. Nitrogen Oxides, NO_x, expressed as $\mu g/m^3$ of NO_2
9. Nitric Oxide, NO = NO_x - NO
10. Nitrogen Dioxide, NO_2
11. Ozone
12. Scattering coefficient, b_s
13. Local Visual Range, L_v, derived from b_s
14. Coefficient of Haze, COH

B. Miscellaneous Data

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2. Radiation measurements by the high pressure ion chamber (rotated among all 12 sites)
3. Radiation Survey
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Not all sites measure all of these parameters.

The data tabulations contain average values for each day, and the peak hourly average for the day. Along the bottom, the average for each hour, averaged over the month, is compiled. Air Quality data is given in $\mu g/m^3$ usually, with values for NO_x computed on the basis of the molecular weight of NO_2 and those for HC and THC based on the molecular weight for CH_4.

On the wind direction sheets, "PV" and "PREV" indicate prevailing wind direction divided into 16 sectors with a "1" indicating a prevailing direction between 348.5 and 11.0 degrees, a "2" corresponding to 11.5 to 34.0 degrees, and so forth, i.e., a "1" indicates wind from the 22.5° sector centered on N, a "2" indicates winds generally from the NNE, a "3" from the NE, etc.

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RF	Recording system failure (chart jams, runs out, tape punch fails)
LI	Local Interference (car nearby, contamination by generator)
OS	Off scale (at top of chart, data presumed good)
SE	Special experiment (instrument off-line for bag sample analysis or removed for special measurements in area)
VA	Variable wind direction
OR	Out for repair (Instrument problem has been recognized and the instrument is no longer sampling while being repaired.) Effective as of the November, 1975 data.

A. METEOROLOGY

PREFACE

This volume is the fourth quarterly submission of data acquired during the air quality/meteorology/noise/radiology portions of the environmental baseline monitoring program for oil shale tracts Ua and Ub. The quarter covered runs from 1 May 1975 through 31 July 1975.

This data is a preliminary submission and is subject to some editorial and technical changes. A final data submission will follow in about 3 months.

The data presented herein appears in two volumes:

Volume I - Meteorology

A. Data tabulations for all sites, in order by site number

1. Wind Speed, WS, 10 m, 20 m, 30 m
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14. Radiation measurements by the high pressure ion chamber (rotated among all 12 sites)
15. Coefficient of Haze, COH

B. Miscellaneous Data

1. High Volume Sampler, suspended particulates
2. Radiation Survey
3. Radiation Dosage by Thermo-Luminescent Dosimetry
4. Gross Radiation of Particulates

Not all sites measure all of these parameters. A few isolated data records from some sites are missing pending further data verification.

The data tabulations contain average values for each day, and the peak hourly average for the day. Along the bottom, the average for each hour, averaged over the month, is compiled. Air Quality data is given in $\mu g/m^3$ usually, with values for NO_x computed on the basis of the molecular weight of NO_2 and those for HC and THC based on the molecular weight for CH_4.

Symbols used on the data sheets are:

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On the wind direction sheets, "PV" and "PREV" indicate prevailing wind direction divided into 16 secotrs with a "1" indicating a prevailing direction between 348.5 and 11.0 degrees, a "2" corresponding to 11.5 to 34.0 degrees, and so forth, i.e., a "1" indicates wind from the 22.5° sector centered on N, a "2" indicates winds generally from the NNE, a "3" from the NE, etc.

In order to satisfy previous requests for information concerning percentages of data recovery, we have included the following discussion and data collection percentages. We are reluctant to present this data until an interpretation of lease requirements for data recovery (90% air quality and 95% meteorology) and a standard method of determination of percentages has been provided by AOSS. It is quite evident that each lease holder and their subcontractors are making different interpretations of the data recovery requirements and are making their determination of percentages of data collected by different methods. This makes comparison of these percentage values between the various lease properties impossible. We tend to feel that our method of determining percentages is very strict and rigid more so than some of the other interpretations currently in use. The extent of the data collected from the onset of monitoring through 31 August 1975 is tabulated in the following table. For this table, which lists hours of data collected, an hour of data is counted as valid only if it has been found to withstand detailed scientific scrutiny. To do so, it must contain at least one measurement in each 20-minute segment of the hour, it must include corrections for any analyzer calibrations, it must have been determined that the analyzer was operating properly, the data must reflect the ambient situation and not a localized phenomenon (e.g., vehicle and chemical-toilet caused contamination during the OSEAP tour in June), and the number must seem reasonable upon technical review. Otherwise, the data is discarded (except that hours during which calibrations take place and times when readings are off scale but valid are also counted as data). This procedure for data accounting is more rigorous than that in the lease, which states that "the Lessee shall monitor air quality over at least 90 percent of each lease year ...," with similar wording for 95% monitoring of meteorological parameters. The numbers given in Table III-1 are not the percentages of time that monitoring was performed, but rather the percentages of time that this monitoring gave valid data; hidden instrument and recorder malfunctions, and local contamination effects, account for the difference.

Because of the high degree of redundancy of measurements at the various monitoring sites, and to keep the tabulation easy to interpret, Table III-1 lumps all monitoring of any given parameter into one listing. Also, only the parameters specifically listed in the lease (or implied therein) are tabulated.

LEVEL OF VALID DATA COLLECTION DURING THE BASELINE MONITORING PROGRAM, IN PERCENT OF TOTAL HOURS IN EACH QUARTER.

		Quarterly Percentage		
Component	No. of Sites	Winter (Dec-Feb)*	Spring (Mar-May)	Summer** (June-Aug)
H_2S	8	47	69	82
SO_2	8	45	72	86
Susp. Part.	8	96	92	94
HC	3	54	60	64
NO_x	3	55	84	78
O_3	3	89	69	80
Wind (10m)	12	87	96	94
Wind (20m)	2	48	84	70
Wind (30m)	2	49	99	94
T (10m)	7	80	96	99
ΔT (10-30m)	2	47	99	97
DP (10m)	2	+	58++	91

*Includes a small amount of data collected in November. Most measurements began in November or December.

**June and July data only.

+Data not available; being reconstructed.

++Based on data for last part of quarter; rest of data being reconstructed.

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	1.5	2.5	3.5	4.0	4.5	5.5	6.0	7.5	9.0	9.0	3.0	1.0	3.0	1.5	2.0	2.0	4.0	9.0
2	1.0	1.5	2.0	1.0	1.0	1.0	3.5	2.0	3.0	3.0	4.5	6.5	7.5	7.5	6.5	5.5	3.5	2.5	1.0	3.5	3.0	1.5	3.5	2.0	3.0	7.5
3	1.5	1.5	1.5	1.5	1.0	1.0	1.0	3.5	2.0	4.0	6.0	10.5	14.0	11.5	13.0	13.0	13.0	11.0	10.5	11.5	12.5	10.5	9.0	11.0	7.5	14.0
4	13.0	13.5	10.5	9.5	5.5	13.5	[RF]	[RF]	[RF]	19.0	17.5	17.0	20.5	20.5	21.5	19.0	19.5	19.0	16.0	10.0	12.0	11.0	7.0	3.0	14.0	21.5
5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	2.5	5.0	5.0	5.0	8.5	6.0	4.0	3.0	3.0	5.5	4.5	2.5	1.5	1.5	1.0	3.0	8.5
6	1.5	1.0	1.5	4.0	4.0	5.5	7.0	8.5	11.0	12.5	13.0	15.5	9.5	11.0	13.0	14.5	10.5	10.5	9.0	8.0	11.5	13.5	14.5	12.0	9.5	15.5
7	12.0	15.0	14.0	13.0	12.5	12.0	11.5	[RF]	14.0	13.0	14.5	17.5	15.5	14.5	14.5	13.5	12.0	10.0	9.0	8.0	8.0	7.0	4.5	2.0	11.5	17.5
8	1.5	2.0	1.0	1.0	1.0	1.0	2.5	1.5	2.5	5.0	9.0	6.5	8.0	8.0	5.5	5.5	6.5	1.5	5.5	3.5	8.0	3.0	1.5	1.0	4.0	9.0
9	1.0	1.0	2.5	1.5	1.0	1.0	1.5	1.0	2.0	2.5	3.5	6.0	7.5	6.0	8.5	10.5	4.5	2.0	2.5	2.5	2.5	3.5	1.0	1.0	3.0	10.5
10	3.5	1.5	1.0	1.0	1.5	1.0	1.0	1.5	2.5	2.5	2.5	5.0	6.5	4.0	7.0	4.0	3.5	1.5	2.0	2.5	3.0	1.0	2.5	4.0	3.0	7.0
11	1.5	1.0	1.0	1.0	2.5	1.0	1.0	2.5	3.0	2.5	4.5	4.0	4.5	8.0	11.5	9.5	9.0	8.5	5.5	6.0	12.5	14.0	13.0	11.5	6.0	14.0
12	11.5	14.5	8.5	11.0	5.5	7.0	7.0	5.5	6.5	9.0	7.0	7.5	6.5	4.5	5.5	8.0	3.0	2.0	1.0	1.5	1.0	1.0	1.0	1.5	5.5	14.5
13	1.0	1.5	2.0	[RF]	[RF]	[RF]	[RF]	1.5	5.0	[MT]	4.5	4.5	4.5	5.0	3.0	5.0	4.0	4.5	3.5	1.0	2.5	2.0	1.5	1.5	3.0	5.0
14	1.5	1.0	1.0	2.0	1.0	1.0	1.0	1.0	2.0	2.5	3.0	3.0	6.5	6.0	4.5	4.0	4.0	6.0	3.0	2.5	4.0	3.0	1.0	2.0	3.0	6.5
15	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5	2.0	3.5	9.5	8.5	4.5	4.5	7.0	11.0	9.5	9.0	5.0	7.0	8.5	9.0	4.5	11.0
16	3.0	4.0	2.5	2.0	1.5	3.0	[RF]	1.5	2.0	2.5	3.5	6.0	5.0	5.5	6.5	8.5	9.0	13.0	7.5	4.0	5.0	7.5	4.5	6.0	5.0	13.0
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[PF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5.0	6.5	7.0	9.0	6.5	4.5	4.0	5.0	5.0	4.5	4.0	1.0	2.5	3.5	4.0	5.0	9.0
26	4.0	2.0	4.0	3.0	3.5	1.0	1.0	1.0	1.5	2.5	3.5	.5	3.5	4.5	4.0	6.0	4.0	3.5	1.0	1.0	1.5	3.5	1.5	1.5	2.5	6.0
27	4.0	6.5	2.5	2.5	1.0	2.0	1.0	1.0	1.0	2.0	2.5	5.0	13.5	10.5	4.0	8.5	11.5	6.0	[RF]	1.5	1.0	2.5	1.5	8.0	4.5	13.5
28	9.0	1.0	1.0	2.0	3.0	1.0	1.0	1.0	4.5	6.0	2.5	2.5	4.5	8.5	6.5	9.5	12.5	13.5	13.0	12.5	8.5	4.5	8.0	8.0	6.0	13.5
29	4.0	1.5	1.0	1.0	1.0	1.0	8.5	10.0	3.5	9.5	13.0	11.0	13.0	12.0	12.5	11.5	10.0	8.5	6.5	3.5	1.0	2.0	1.0	1.0	6.0	13.0
30	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.5	.5	.5	3.0	4.0	3.0	2.5	3.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	4.0
31	1.5	2.0	1.0	1.0	1.5	1.5	1.0	2.5	2.0	2.5	1.5	3.0	6.5	5.0	7.0	6.5	3.0	1.5	6.0	1.0	3.5	3.0	1.0	1.0	3.0	7.0
AV	4.0	3.5	3.0	3.0	2.5	3.0	3.0	2.5	3.5	5.0	6.0	6.5	8.0	8.0	8.0	8.0	7.5	7.0	5.5	4.5	5.0	4.5	4.0	4.0	5.0	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.0	1.5	1.0	1.0	1.0	1.0	1.0	1.0	2.5	2.5	1.0	3.0	3.5	3.0	4.5	3.0	3.0	2.5	1.5	1.0	2.5	2.5	3.0	5.0	2.0	5.0
2	1.5	1.5	1.0	1.0	1.0	1.0	3.5	2.5	2.0	2.0	1.5	1.5	3.5	3.5	5.0	7.5	6.0	2.0	2.5	2.0	1.0	1.0	.5	3.0	2.5	7.5
3	1.5	2.0	3.0	2.0	1.0	3.5	2.0	1.5	1.0	3.0	1.5	2.5	4.5	7.5	12.0	12.0	5.0	6.5	8.0	12.5	6.0	1.5	1.0	2.5	4.5	12.5
4	1.0	1.0	1.0	1.5	1.0	1.0	1.0	1.5	1.5	1.0	2.0	2.5	2.5	2.5	3.0	2.5	3.0	2.0	1.0	1.0	1.5	1.0	1.0	2.5	1.5	3.0
5	2.5	1.0	1.5	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.5	4.0	4.0	4.0	3.0	3.5	3.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0
6	1.0	1.0	1.0	1.0	1.5	1.0	1.0	3.0	1.5	1.5	2.0	2.5	5.0	4.0	2.5	5.5	3.5	2.5	1.0	1.0	1.0	1.0	1.0	1.0	2.0	5.5
7	1.0	1.5	2.5	4.0	3.5	3.0	2.5	1.0	9.0	10.0	7.5	5.0	6.5	4.0	3.5	6.0	11.5	6.5	4.0	2.0	1.0	6.5	2.0	1.0	4.5	11.5
8	1.0	1.0	1.0	1.5	2.5	5.0	6.5	1.0	1.5	1.0	1.0	3.5	5.5	8.0	8.0	5.5	3.0	1.5	4.5	6.5	6.5	2.5	2.0	1.0	3.5	8.0
9	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.5	5.5	4.5	7.0	6.5	7.0	15.0	13.0	10.0	8.0	1.5	1.0	5.0	2.5	1.0	1.0	1.0	4.0	15.0
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.5	2.0	3.0	5.5	5.5	8.5	7.5	7.0	6.5	7.5	2.0	1.0	3.5	5.0	2.5	1.0	2.0	3.5	8.5
11	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	2.0	3.0	3.0	3.5	4.0	5.5	6.0	5.5	3.5	3.0	1.0	1.0	3.0	3.0	2.5	1.0	2.5	6.0
12	1.0	1.0	1.0	1.0	1.0	1.0	3.5	1.5	1.0	3.0	4.5	2.0	3.5	4.0	5.5	9.0	9.5	4.5	3.0	6.0	5.5	5.0	4.5	3.0	3.5	9.5
13	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	6.0	6.0	7.0	10.0	10.0	10.5	7.5	8.0	6.5	1.5	1.0	1.0	1.0	3.5	10.5
14	1.0	1.0	4.0	13.0	6.5	1.5	1.0	2.0	4.0	5.0	8.5	8.5	9.5	10.5	9.5	10.0	10.0	10.5	8.0	7.0	7.5	6.0	2.0	1.0	6.0	13.0
15	1.0	1.0	1.0	1.0	1.5	1.0	1.0	1.0	1.0	2.5	4.0	6.0	9.0	11.0	10.5	11.0	9.0	7.0	5.5	3.0	1.0	1.0	2.5	2.0	4.0	11.0
16	3.5	2.5	1.5	2.5	2.5	1.0	1.0	1.0	2.0	4.5	6.0	7.0	5.0	10.0	13.0	11.5	11.0	10.0	10.5	11.0	4.5	1.0	1.0	1.5	5.0	13.0
17	1.5	3.0	6.0	5.0	1.5	4.0	3.0	1.0	1.0	2.5	5.0	6.0	1.5	2.0	1.0	1.5	9.0	10.5	4.5	3.5	10.0	7.5	8.0	5.0	4.5	10.5
18	1.0	3.0	6.5	8.5	7.0	7.0	4.0	6.5	9.0	9.5	8.0	6.5	2.0	4.0	8.5	5.5	5.5	7.5	11.0	9.5	4.0	2.0	1.5	1.5	6.0	11.0
19	1.0	1.0	1.5	1.0	1.0	1.0	1.0	4.0	5.5	2.5	3.5	3.5	6.5	7.5	8.5	8.5	8.5	9.5	12.5	3.0	1.0	1.5	2.5	1.5	4.0	12.5
20	1.5	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.5	1.0	2.5	7.5	7.0	.5	10.5	10.5	9.0	11.5	5.5	1.5	1.0	1.0	1.0	1.0	3.5	11.5
21	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	2.5	4.0	5.5	8.0	9.5	7.5	4.5	4.5	3.0	3.0	2.0	2.5	2.0	1.0	3.0	9.5
22	1.0	1.5	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.5	2.5	4.0	4.0	5.5	4.5	4.0	4.5	4.0	4.5	1.0	2.0	3.5	3.0	1.0	2.5	5.5
23	1.0	1.0	2.5	2.0	1.0	1.0	1.0	1.0	1.0	1.5	2.5	2.0	11.5	8.5	5.5	1.5	2.0	1.5	3.0	2.5	1.0	1.5	1.0	1.0	2.5	11.5
24	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	14.5	14.5	14.0	17.5	16.5	13.0	17.0	17.0	17.0	13.5	7.0	1.0	1.0	1.0	1.5	7.5	17.5
25	1.0	6.0	4.0	12.5	12.0	10.0	8.0	10.0	17.0	16.5	14.0	15.0	13.5	6.0	11.0	11.5	14.5	12.0	10.0	11.0	9.5	6.5	2.5	1.0	10.0	17.0
26	3.0	3.5	2.0	3.0	1.5	2.0	2.0	1.5	1.5	3.0	4.0	4.0	3.5	4.5	4.0	4.0	3.5	3.5	1.0	1.0	1.5	1.0	1.0	1.0	2.5	4.5
27	1.0	1.0	1.0	.5	1.0	1.5	.5	.5	1.0	1.5	1.0	4.0	13.5	15.0	14.5	14.0	11.0	11.5	13.5	10.0	5.5	7.0	3.0	1.0	5.5	15.0
28	1.0	1.0	1.5	1.5	1.0	2.5	1.5	1.0	1.0	1.5	1.5	2.0	4.0	6.0	3.5	9.5	8.0	10.0	9.0	4.5	1.5	1.0	6.5	7.0	3.5	10.0
29	7.0	5.5	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	12.0	13.5	13.0	13.5	12.5	10.5	11.5	10.0	4.0	3.5	3.5	7.5	7.5	6.0	13.5
30	8.0	1.5	2.0	2.5	1.5	1.0	1.0	1.0	1.0	1.0	1.5	2.5	8.5	7.0	13.0	10.0	11.5	10.0	10.5	6.5	1.5	1.5	1.0	1.0	4.5	13.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	1.5	2.0	2.0	2.5	2.0	2.0	2.0	2.0	3.0	3.5	4.0	5.0	6.5	7.0	8.0	8.0	7.5	6.5	6.0	4.5	3.0	2.5	2.5	2.0	4.0	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

JULY,1975

AEROVIRONMENT INC.

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*********************
*                   *
*  PRELIMINARY DATA *
*  AS OF 06 OCT 75  *
*                   *
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*                   *
*    Subject To     *
*     Revision      *
*                   *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.5	3.0	2.0	1.0	1.0	1.5	1.0	1.0	2.0	2.0	1.5	3.0	5.5	12.0	13.5	11.0	11.5	11.5	11.0	8.5	7.0	2.0	6.0	3.5	5.0	13.5
2	1.5	3.5	1.0	1.5	1.0	4.0	1.5	1.0	1.5	1.0	1.5	3.5	5.0	6.0	7.5	6.5	8.0	8.0	5.0	3.5	8.0	8.0	8.5	9.0	4.5	9.0
3	3.0	4.5	2.5	3.5	5.5	7.5	7.0	5.0	5.0	5.0	7.0	5.5	5.0	10.0	6.5	6.0	4.5	2.5	5.5	10.5	2.5	3.0	1.5	1.5	5.0	10.5
4	1.5	1.0	2.0	2.0	1.0	1.0	1.5	1.0	1.5	1.5	2.0	5.0	5.5	5.0	8.5	8.0	4.0	5.0	4.5	4.0	4.0	4.5	1.5	3.0	3.5	8.5
5	3.0	3.5	3.0	1.0	5.0	1.5	1.5	1.0	2.5	2.5	1.5	5.0	6.5	6.5	7.5	6.5	11.0	8.5	4.0	4.5	14.5	8.0	7.5	1.0	5.0	14.5
6	2.5	2.0	4.5	3.0	3.5	3.0	2.5	4.5	3.5	4.0	[MT]	5.0	5.5	5.5	7.5	10.5	7.5	9.0	7.5	6.5	3.5	7.0	3.5	3.5	5.0	10.5
7	2.5	2.0	4.5	3.0	3.5	3.0	2.5	4.5	3.5	4.0	3.5	5.0	5.5	5.5	7.5	10.5	7.5	9.0	7.5	6.5	3.5	7.0	3.5	3.5	5.0	10.5
8	5.0	5.0	3.0	4.0	4.0	4.0	2.5	3.5	5.0	4.5	5.0	4.5	6.0	6.0	6.0	8.5	10.5	6.5	5.0	4.0	5.0	3.0	4.0	4.0	5.0	10.5
9	4.0	4.5	6.0	3.0	4.0	4.0	5.5	4.5	4.0	4.0	5.0	4.0	6.5	12.5	13.5	7.5	4.5	4.5	7.5	8.0	3.0	3.5	5.5	4.5	5.5	13.5
10	4.5	4.5	4.0	4.5	4.0	3.5	2.0	2.5	3.0	4.0	4.5	7.0	6.5	8.0	7.5	5.5	6.0	3.5	8.0	4.0	4.5	5.0	5.0	3.0	5.0	8.0
11	5.5	4.0	3.0	3.0	4.0	2.5	2.0	2.5	3.0	6.5	6.5	7.5	7.0	7.5	7.0	7.0	6.5	10.0	9.0	3.5	6.5	2.0	2.5	2.0	5.0	10.0
12	2.5	2.5	3.0	2.5	3.0	3.0	2.0	2.5	4.0	4.5	3.5	4.0	6.0	7.0	6.5	8.5	5.5	5.5	4.5	9.5	8.0	5.5	3.0	2.5	4.5	9.5
13	4.0	3.5	3.5	5.5	5.5	4.0	5.0	9.0	7.5	7.0	6.0	8.0	6.5	6.5	6.0	5.5	9.0	7.0	6.5	6.0	2.5	4.5	3.0	3.0	5.5	9.0
14	3.0	3.5	2.0	3.0	3.0	2.5	2.0	2.5	3.0	3.5	4.5	4.5	5.0	6.0	4.0	7.5	6.5	8.0	10.0	8.5	3.5	2.5	4.5	15.0	5.0	15.0
15	14.5	8.5	5.0	3.5	3.5	4.0	5.5	7.0	6.5	5.0	5.0	2.5	6.0	7.0	6.5	5.5	3.5	1.5	1.0	1.5	1.5	1.5	1.5	1.5	4.5	14.5
16	1.5	1.5	1.5	3.5	2.0	2.0	1.5	2.5	4.5	4.5	1.5	1.5	1.0	1.5	1.5	1.5	5.5	3.0	4.5	8.5	4.5	5.0	3.0	3.0	3.0	8.5
17	3.0	3.5	3.5	2.5	2.5	3.0	2.5	3.5	2.5	3.0	3.5	4.5	4.5	9.5	9.5	11.0	8.0	4.5	5.0	3.0	4.0	4.0	4.5	5.5	4.5	11.0
18	2.5	7.5	2.5	4.0	3.0	3.0	2.0	3.0	3.0	3.5	5.0	5.0	5.0	5.0	5.0	6.0	3.5	4.0	4.5	2.0	5.0	3.5	2.0	2.0	4.0	7.5
19	2.0	3.0	2.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	7.0	5.0	6.5	5.5	5.5	5.5	2.5	3.0	2.5	2.0	3.5	7.0
20	1.5	3.0	2.5	2.0	2.5	3.5	2.5	2.0	2.5	3.5	4.0	3.5	4.5	9.0	8.5	6.5	13.5	9.0	6.0	5.5	2.5	4.0	7.0	5.0	5.0	13.5
21	3.0	3.5	5.0	4.0	3.0	3.5	3.5	5.0	3.5	4.0	6.5	4.0	4.0	4.5	5.0	15.5	7.5	11.5	4.0	3.0	2.5	5.0	3.5	3.5	5.0	15.5
22	3.5	2.5	3.0	5.5	4.0	7.0	4.0	3.0	2.5	3.5	4.0	4.5	5.5	5.5	5.5	6.5	6.5	7.5	7.0	6.5	10.5	7.0	3.0	2.5	5.0	10.5
23	3.5	4.5	4.0	3.0	4.5	3.0	2.0	2.0	2.5	3.0	4.0	4.5	4.5	6.5	6.0	7.5	9.5	7.5	5.5	6.0	2.5	2.5	5.5	4.5	4.5	9.5
24	4.0	3.0	3.0	3.5	3.5	3.5	3.0	2.0	3.0	3.0	4.0	5.0	7.0	6.5	8.0	9.0	6.5	6.5	8.0	6.5	2.5	4.0	3.5	3.5	4.5	9.0
25	4.0	3.0	2.5	3.5	3.0	1.5	2.0	4.0	3.0	3.0	5.0	4.5	7.5	7.0	7.0	6.5	9.0	7.5	4.0	3.5	4.0	4.5	7.0	4.5	4.5	9.0
26	4.0	5.0	3.0	3.0	4.0	3.5	3.0	3.5	4.0	3.5	4.0	4.5	5.0	7.0	5.5	7.5	7.0	8.5	8.5	3.5	4.0	4.5	7.0	4.5	5.0	8.5
27	4.5	5.5	5.0	3.5	4.0	4.0	4.0	5.0	3.0	3.5	3.5	5.5	5.5	5.5	7.0	11.0	10.5	7.5	6.5	7.0	6.0	12.0	8.5	4.0	6.0	12.0
28	5.0	7.0	5.0	6.0	4.5	2.5	2.5	2.5	3.0	4.0	5.0	6.0	7.5	10.0	12.0	10.0	9.5	13.0	9.5	9.0	8.5	6.5	3.0	2.5	6.5	13.0
29	4.0	6.0	7.5	4.0	3.5	4.5	3.5	6.0	7.0	5.5	6.5	5.5	7.0	4.0	6.0	4.5	9.5	6.5	8.0	4.5	6.0	6.5	3.5	3.0	5.5	9.5
30	6.5	3.5	4.0	3.0	2.0	2.0	3.5	4.5	6.5	3.5	5.5	7.0	6.5	9.0	5.5	6.0	8.5	10.0	9.5	6.0	5.5	9.5	5.5	3.5	5.5	10.0
31	6.0	6.5	7.0	5.0	6.0	4.0	3.0	4.5	3.5	3.0	6.0	7.5	6.5	5.5	7.5	9.0	8.0	8.5	9.5	3.0	3.0	5.0	4.0	3.0	5.5	9.5
AV	4.0	4.0	3.5	3.5	3.5	3.5	3.0	3.5	3.5	4.0	4.5	5.0	5.5	7.0	7.0	7.5	7.5	7.0	6.5	5.5	5.0	5.0	4.5	4.0	5.0	( )

WIND DIRECTION ■ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
2	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
3	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
4	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
5	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
6	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
7	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
8	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
9	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
10	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
11	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
12	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
13	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
14	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
15	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
16	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
17	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
18	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
19	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
20	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
21	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
22	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
23	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
24	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(VA)	
25	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	(RF)	160	115	100	95	220	255	290	230	240	330	175	275	220	230	11	
26	215	160	135	170	280	230	95	115	195	200	220	220	160	210	185	85	230	200	335	115	305	110	150	135	11	
27	195	180	100	185	200	205	165	205	225	195	150	215	160	175	210	230	230	245	(RF)	265	215	275	275	310	10	
28	300	225	200	235	250	250	220	200	300	130	175	160	115	10	80	85	40	40	40	30	40	145	205	255	3	
29	55	185	210	175	170	155	60	55	65	60	60	60	65	55	65	55	45	15	125	240	115	290	335	300	4	
30	0	105	90	90	220	20	100	100	145	125	145	155	150	170	230	205	205	180	120	285	350	235	55	175	5	
31	255	25	120	160	100	60	85	50	120	80	155	195	140	70	55	70	115	345	145	150	60	70	55	120	4	
PV	(VA)	9	(VA)	9	(VA)	(VA)	5	(VA)	(VA)	(VA)	8	(VA)	8	9	11	5	(VA)	(VA)	7	(VA)	(VA)	13	3	(VA)	(VA)	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

JUNE,1975

AEROVIRONMENT INC.

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*  PRELIMINARY DATA *
*  AS OF 15 OCT 75  *
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*                   *
*     Subject To    *
*      Revision     *
*                   *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	340	60	90	160	130	115	60	90	90	260	95	125	55	215	150	155	180	230	140	85	0	25	10	105	5	
2	60	155	180	210	140	100	70	45	165	250	205	140	90	230	215	70	95	120	70	20	100	120	75	90	[VA]	
3	150	165	210	155	185	180	140	145	165	115	115	180	260	230	225	225	205	295	235	230	190	45	65	75	11	
4	325	245	145	335	115	190	75	135	170	105	250	140	115	190	185	200	150	290	60	85	225	335	170	320	9	
5	245	320	100	55	35	205	100	110	110	190	200	205	195	210	90	240	200	235	250	185	300	220	280	170	10	
6	125	115	165	295	130	205	80	35	140	155	215	230	250	240	215	265	255	270	300	335	10	195	145	255	[VA]	
7	195	180	165	15	290	190	95	210	255	260	240	225	160	230	230	235	235	155	105	120	5	240	180	130	11	
8	125	255	150	185	200	130	10	210	155	90	135	250	225	240	185	180	230	215	190	200	45	55	60	170	9	
9	290	95	200	280	340	155	85	200	70	110	90	100	135	260	260	195	180	150	185	250	250	175	350	0	5	
10	190	165	160	185	165	345	150	195	130	135	125	210	60	20	45	105	275	85	305	150	200	185	195	30	8	
11	10	55	100	220	245	170	110	85	75	65	120	245	215	245	265	230	230	205	200	165	220	300	145	135	11	
12	90	260	185	105	145	240	60	135	195	130	80	145	200	205	185	185	195	220	180	175	190	50	40	130	9	
13	140	320	155	285	320	170	155	100	155	135	120	220	235	235	225	225	220	215	235	255	140	145	95	20	11	
14	175	145	210	210	240	150	280	150	235	250	255	250	230	245	260	245	255	265	255	290	275	250	185	320	12	
15	0	355	345	60	55	35	355	[VA]	20	285	105	265	250	245	260	250	250	275	270	270	180	25	355	10	[VA]	
16	170	345	355	10	10	340	225	140	280	250	285	270	265	275	275	280	290	295	320	335	335	180	335	40	13	
17	15	20	15	45	15	325	245	250	245	250	245	240	210	190	345	5	0	0	35	0	15	30	350	15	2	
18	305	315	220	240	240	250	200	220	270	255	275	245	180	60	70	95	95	170	190	230	240	45	25	350	12	
19	15	5	20	10	15	15	45	195	270	220	270	300	290	280	265	300	345	355	350	310	15	0	0	25	[VA]	
20	310	310	0	25	15	75	40	55	345	230	335	50	130	145	195	250	265	325	330	290	195	5	335	355	16	
21	0	115	5	15	55	325	10	70	270	260	0	245	240	290	240	150	35	0	310	345	15	345	5	20	1	
22	355	30	345	20	10	350	135	20	10	100	280	255	310	295	300	325	310	100	140	90	350	355	340	355	1	
23	345	50	10	5	15	35	35	160	180	0	320	330	130	135	145	35	255	10	30	30	350	355	25	30	1	
24	5	20	20	20	10	0	40	175	350	175	175	190	175	180	180	170	175	180	175	175	170	350	5	5	9	
25	0	345	285	170	165	160	160	160	175	190	200	210	190	270	250	290	250	270	260	250	240	265	200	80	[VA]	
26	335	340	0	20	15	15	120	140	250	260	20	265	265	335	345	0	345	0	330	335	345	355	40	15	16	
27	10	300	335	5	330	0	325	295	245	200	255	305	215	195	215	215	205	190	190	175	175	175	210	355	9	
28	25	175	5	20	30	30	345	110	200	130	225	225	310	300	285	195	225	215	195	175	175	340	345	355	[VA]	
29	355	355	5	5	0	335	90	305	270	355	355	185	160	185	190	195	215	200	195	175	170	320	350	350	1	
30	0	160	340	350	0	10	25	25	125	330	240	290	200	250	175	190	175	180	165	165	340	340	350	10	1	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[VA]	
PV	1	[VA]	1	2	2	9	5	[VA]	13	12	12	12	11	12	[VA]	11	11	11	9	9	9	1	1	1	[VA]	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 06 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	355	25	45	110	310	5	15	170	140	195	265	315	245	190	195	205	200	205	190	180	165	325	345	10	10	
2	20	10	325	355	350	10	90	165	170	200	300	280	5	310	330	295	245	240	5	135	170	100	165	155	1	
3	145	65	0	350	355	355	0	175	205	210	215	245	230	270	295	290	265	315	195	315	160	345	325	345	1	
4	345	60	10	20	5	0	30	125	265	250	300	345	270	235	175	165	195	220	235	250	245	225	170	10	(VA)	
5	25	110	20	180	350	0	345	330	240	265	210	215	215	280	285	345	355	350	320	340	30	60	25	350	1	
6	0	65	355	0	15	335	30	345	205	190	(MT)	295	335	335	295	30	235	350	355	350	255	140	205	5	1	
7	350	5	35	55	20	345	100	45	180	225	255	235	240	290	295	20	0	25	20	15	100	110	90	100	2	
8	85	60	65	5	20	340	330	5	25	40	315	315	235	315	330	100	50	25	90	5	20	0	10	330	1	
9	35	5	30	10	15	25	0	165	85	160	330	230	0	200	170	175	265	300	280	50	30	65	10	35	1	
10	30	20	20	20	40	35	145	325	35	310	285	355	70	30	65	355	95	5	15	350	355	355	30	110	2	
11	25	20	5	15	25	15	30	155	225	25	10	5	355	35	40	15	70	55	105	355	20	305	335	0	2	
12	30	95	40	355	15	40	10	35	265	0	30	355	15	320	315	340	300	355	300	175	200	170	105	10	1	
13	355	335	10	355	5	265	330	180	195	200	300	275	15	270	280	215	200	245	245	240	20	40	30	75	(VA)	
14	150	40	350	340	5	100	65	150	215	265	15	275	240	175	295	190	225	255	270	200	190	40	40	180	9	
15	155	155	120	20	110	350	10	5	5	260	305	65	125	320	350	15	210	235	15	80	10	120	345	340	1	
16	65	25	5	55	55	10	20	70	170	60	15	110	100	125	105	275	295	295	155	115	105	65	80	80	(VA)	
17	160	355	25	15	105	10	50	40	300	210	185	70	280	230	230	215	215	240	250	185	15	355	0	5	1	
18	115	5	145	20	10	315	20	45	30	245	315	0	295	10	255	205	235	350	15	20	5	345	95	10	1	
19	0	30	45	20	40	100	35	70	5	200	310	245	195	310	15	300	20	345	355	345	155	355	5	355	1	
20	5	10	30	340	35	50	30	35	350	310	345	325	285	190	180	210	355	350	0	355	145	120	0	70	1	
21	100	0	355	25	0	340	195	225	145	160	175	190	260	295	310	225	175	145	30	75	335	15	50	15	2	
22	0	15	65	10	30	15	20	115	40	195	240	185	195	225	290	335	335	345	5	5	5	40	255	270	1	
23	205	20	335	75	60	15	40	165	240	275	295	310	215	345	330	305	5	45	15	355	235	275	5	5	1	
24	10	345	10	50	345	335	10	40	60	45	285	190	255	175	335	350	340	0	355	355	260	350	345	155	1	
25	20	5	110	20	35	140	135	75	195	255	290	5	245	245	300	320	350	50	5	5	65	120	0	25	1	
26	70	5	350	40	45	340	60	25	145	175	280	335	15	325	315	290	310	20	145	140	50	280	160	125	7	
27	85	30	20	5	10	30	55	25	320	5	305	320	340	330	335	170	185	200	190	200	185	170	175	20	9	
28	345	130	35	335	350	5	310	175	175	265	290	270	275	190	175	205	175	185	185	185	180	240	145	0	9	
29	335	200	210	345	335	30	335	170	195	255	290	305	140	120	20	325	280	270	220	110	10	20	30	355	(VA)	
30	25	65	255	15	75	330	30	5	10	270	310	260	190	95	80	30	200	245	260	215	180	155	315	335	2	
31	345	355	275	245	260	225	50	335	265	340	300	280	255	245	0	340	340	355	325	180	340	10	60	35	16	
PV	1	1	1	2	1	1	2	3	10	10	14	(VA)	12	15	14	2	(VA)	1	1	1	2	1	1	1	(VA)	

WIND SPEED ■ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.5	2.0	2.0	1.0	2.0	1.5	2.0	2.0	3.0	4.0	4.5	6.0	6.0	11.5	8.0	7.0	10.5	13.0	5.0	2.5	3.0	3.0	2.0	2.5	4.5	13.0
2	2.0	2.0	2.0	2.5	1.5	2.5	2.5	2.5	4.0	4.5	4.0	6.0	9.0	9.0	8.5	6.0	6.5	6.0	3.0	4.0	8.0	8.0	6.0	10.5	5.0	10.5
3	6.0	1.5	.5	1.0	2.0	1.0	1.5	1.5	3.0	5.0	5.5	8.5	11.0	12.5	12.5	17.0	14.5	15.0	17.0	13.5	13.5	13.5	11.5	9.0	8.0	17.0
4	9.0	9.5	10.0	9.0	6.0	7.0	11.5	20.0	21.5	24.0	21.5	21.5	22.5	21.0	22.5	22.5	20.5	23.5	22.5	14.5	17.0	12.5	10.0	4.5	16.0	24.0
5	2.0	3.5	5.0	5.5	5.0	6.5	3.0	4.0	1.5	1.5	5.0	7.0	6.0	13.0	10.0	6.0	6.0	5.5	4.0	5.5	6.5	5.5	9.5	8.5	5.5	13.0
6	9.0	10.0	9.5	8.5	9.5	11.5	12.5	14.5	13.5	11.5	13.0	13.5	16.0	13.0	12.0	13.5	15.0	15.0	11.5	8.5	10.5	16.5	18.5	21.5	13.0	21.5
7	19.5	20.0	19.5	21.0	20.5	20.0	19.5	15.5	17.0	14.5	18.5	22.5	20.0	19.5	14.5	12.5	11.5	9.0	8.0	9.0	10.5	6.0	9.5	5.5	15.0	22.5
8	3.5	3.0	3.0	2.0	2.5	2.5	2.5	2.5	5.5	6.0	7.5	11.0	8.5	7.5	9.5	6.0	8.5	7.5	5.5	8.0	8.0	8.5	4.5	4.0	5.5	11.0
9	3.0	2.0	3.5	2.5	2.0	2.0	1.5	3.0	4.0	4.0	4.5	5.0	9.5	13.0	6.0	11.0	15.0	4.5	3.5	3.0	3.0	3.0	3.0	2.5	5.0	15.0
10	2.0	3.5	3.5	2.0	1.5	2.0	2.0	2.5	3.0	4.0	3.5	4.0	6.0	9.0	9.0	7.0	6.5	2.5	3.5	3.5	2.0	3.0	3.0	2.0	4.0	9.0
11	3.0	3.0	2.0	2.0	2.5	2.0	2.0	2.5	3.5	4.5	4.5	5.0	5.5	6.5	7.5	8.5	12.0	8.5	11.0	14.0	13.0	13.5	15.0	20.5	7.0	20.5
12	19.5	17.0	16.5	18.5	11.0	8.5	7.5	8.5	10.0	7.0	7.0	10.5	10.0	6.0	7.5	7.5	6.5	9.5	8.5	5.0	4.0	3.5	3.0	3.0	9.0	19.5
13	3.0	2.0	3.0	2.5	2.5	2.0	2.0	2.5	4.0	3.5	6.0	7.0	7.0	5.0	6.0	5.5	4.5	4.5	5.0	4.0	5.0	2.0	3.0	2.0	4.0	7.0
14	2.0	3.5	1.5	2.0	2.0	2.0	1.5	2.5	3.5	3.5	3.0	4.5	6.5	6.0	6.5	8.0	4.0	3.5	6.5	6.0	7.5	5.0	8.0	4.5	4.5	8.0
15	3.5	2.0	2.0	2.5	3.0	2.0	2.0	2.5	3.5	4.0	4.5	4.5	6.5	8.0	5.0	8.5	4.5	12.5	11.5	11.5	12.5	10.5	7.5	5.5	6.0	12.5
16	8.0	6.0	7.0	6.0	4.5	3.0	2.0	2.0	3.0	10.5	14.0	9.0	10.0	10.5	7.0	14.5	9.0	12.5	8.0	5.0	6.0	11.5	12.5	5.0	8.0	14.5
17	5.5	4.5	3.0	2.0	3.5	2.5	3.5	5.0	5.0	4.0	6.5	6.5	8.0	6.0	4.5	14.5	6.5	5.0	6.0	6.5	9.0	9.5	5.5	4.0	5.5	14.5
18	4.0	4.5	3.5	2.0	3.5	6.0	5.0	5.0	12.0	13.5	16.0	16.0	17.0	18.0	18.5	20.0	19.5	15.0	16.5	19.5	17.5	12.5	6.5	6.5	11.5	20.0
19	5.0	5.5	7.5	9.0	10.0	10.5	4.0	4.5	4.5	8.0	7.0	8.5	16.5	17.0	18.5	17.5	19.5	22.5	22.5	21.5	19.5	10.0	4.5	3.5	11.5	22.5
20	9.0	15.5	8.5	5.0	5.0	6.5	7.0	7.0	5.0	5.0	6.0	12.5	10.0	17.0	9.0	6.5	5.5	10.0	12.5	12.5	8.5	2.5	5.5	1.0	8.0	17.0
21	3.5	5.5	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	17.0	15.5	16.0	8.5	10.0	10.5	14.5	10.0	12.0	11.0	11.5	8.0	4.0	4.0	4.5	10.0	17.0
22	3.0	3.0	2.0	3.0	1.5	3.5	3.5	3.0	4.5	5.5	4.5	10.0	9.0	10.5	6.0	7.5	3.0	9.0	8.0	9.5	7.5	3.0	4.5	2.0	5.5	10.5
23	1.0	2.0	1.5	1.0	1.5	.5	1.0	1.5	4.5	6.0	7.5	9.5	10.0	8.0	7.0	6.5	6.0	5.5	6.0	4.0	5.5	4.0	7.5	8.0	5.0	10.0
24	6.5	7.0	9.5	6.5	3.0	7.0	2.5	3.5	3.5	4.5	6.5	9.0	11.0	11.0	14.0	11.5	11.5	14.5	15.0	17.0	17.0	11.0	14.5	6.5	9.5	17.0
25	5.5	7.5	15.0	14.0	13.5	12.5	12.0	15.5	9.5	5.0	7.5	11.0	11.0	9.5	7.0	6.0	7.5	7.0	4.5	2.0	3.5	5.5	10.0	8.5	9.0	15.5
26	5.5	6.0	4.5	3.0	4.0	2.5	2.0	3.0	4.0	3.5	4.5	6.0	6.5	6.5	5.0	6.0	4.5	4.0	2.5	3.5	3.0	4.5	4.5	8.0	4.5	8.0
27	9.0	10.5	7.5	9.0	4.5	2.0	3.0	2.5	2.5	3.5	5.5	7.0	17.0	11.0	5.5	9.0	15.0	(PF)	3.0	2.5	2.0	3.5	3.5	7.5	6.5	17.0
28	9.5	3.5	3.5	4.5	3.5	3.5	5.0	2.5	7.5	6.5	4.5	4.0	6.0	11.0	8.5	10.0	16.0	15.5	15.5	14.0	11.5	9.5	7.0	4.0	8.0	16.0
29	6.0	5.0	4.0	2.0	1.5	4.5	10.0	8.5	8.0	8.5	13.0	12.0	14.0	15.0	13.0	13.5	13.0	8.5	9.0	5.5	3.0	1.0	2.5	1.0	7.5	15.0
30	1.5	2.0	1.0	1.0	1.0	1.0	1.5	2.5	3.5	4.0	4.0	4.5	4.0	4.5	5.0	4.5	4.5	2.5	3.0	4.0	3.0	4.0	7.0	4.0	3.0	7.0
31	5.5	4.0	5.0	3.0	1.5	1.0	1.5	2.0	4.0	3.0	3.0	3.0	7.0	7.0	8.0	6.5	5.5	3.0	10.5	12.0	7.0	4.0	2.0	4.0	4.5	12.0
AV	5.5	5.5	5.5	5.0	4.5	4.5	4.5	5.0	6.0	7.0	7.5	9.0	10.0	10.5	9.5	10.0	10.0	9.5	9.0	8.5	8.0	7.0	7.0	6.0	7.5	( )

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.5	3.5	2.0	1.0	1.0	.5	1.5	2.5	5.5	4.5	3.5	4.0	6.0	5.0	5.5	4.0	5.0	5.0	5.0	3.5	4.5	4.0	5.5	3.5	3.5	6.0
2	3.0	2.5	1.5	1.5	1.0	1.0	1.5	2.0	2.5	4.5	3.5	4.5	3.5	3.5	5.0	7.5	5.0	4.0	4.0	5.5	7.5	3.5	4.0	3.0	3.5	7.5
3	3.0	2.0	3.0	2.5	4.0	1.5	2.5	1.0	3.0	3.0	4.0	4.0	7.0	10.5	15.0	18.5	6.5	6.0	9.5	12.0	10.0	6.0	6.5	8.5	6.0	18.5
4	1.5	3.5	7.5	2.5	1.0	5.5	8.0	5.0	3.5	2.5	4.5	4.0	4.5	5.0	5.5	6.0	4.5	4.0	3.5	1.5	.5	2.0	4.5	4.5	4.0	8.0
5	1.5	1.5	1.5	2.0	2.0	1.0	1.5	2.0	4.0	3.0	3.5	6.5	7.5	6.0	6.5	5.0	5.0	3.5	3.5	2.5	3.5	2.5	3.5	5.0	3.5	7.5
6	6.5	6.5	1.5	2.5	3.0	1.5	1.0	1.0	1.0	2.5	3.5	2.5	4.0	7.0	7.5	7.5	6.0	4.5	3.5	4.0	6.5	1.5	4.0	4.0	4.0	7.5
7	7.0	2.5	5.5	3.0	7.0	5.5	3.0	5.0	13.0	12.5	7.5	7.0	10.0	11.0	6.0	7.5	13.5	11.0	10.5	5.5	3.0	10.5	4.5	3.5	7.5	13.5
8	2.0	2.5	2.0	3.0	9.0	7.5	5.5	1.5	3.0	4.0	2.5	6.0	6.0	10.5	12.5	11.5	7.0	6.5	12.0	5.5	8.0	3.0	2.0	2.5	5.5	12.5
9	1.5	3.5	3.5	2.0	2.5	3.0	5.5	6.5	6.5	7.0	7.5	9.0	7.5	16.0	16.5	14.0	11.5	9.5	7.5	3.5	3.5	3.0	5.5	3.5	6.5	16.5
10	3.5	2.0	6.5	5.0	3.0	3.0	1.0	2.5	3.5	5.5	6.0	10.5	10.0	8.0	9.0	9.0	9.0	8.0	8.5	8.0	12.0	10.5	1.5	2.0	6.0	12.0
11	1.5	2.0	2.5	1.0	1.5	1.0	1.5	3.0	4.0	5.0	6.0	5.5	5.0	6.5	7.5	7.5	7.5	5.0	4.5	5.5	11.0	11.5	11.5	10.0	5.5	11.5
12	9.0	7.5	3.5	2.0	2.5	2.0	2.0	2.5	4.0	5.0	5.5	4.5	5.5	7.0	7.0	13.5	11.0	5.5	6.0	11.0	12.0	12.0	9.0	10.5	6.5	13.5
13	2.5	2.0	2.5	2.5	2.0	2.0	2.0	2.5	2.5	3.0	4.0	9.5	10.0	9.0	11.0	12.0	15.5	14.0	14.5	10.5	5.0	3.5	5.5	9.5	6.5	15.5
14	9.5	5.5	9.0	13.0	9.5	3.0	3.5	5.5	6.5	8.0	11.0	12.0	11.0	12.0	12.5	13.5	14.5	16.5	16.0	15.5	14.0	12.5	5.5	1.5	10.0	16.5
15	3.0	2.5	2.0	2.0	2.5	2.0	2.0	2.0	3.5	6.0	6.0	10.0	13.0	12.5	15.0	14.5	13.5	12.5	13.0	6.5	4.0	5.5	10.0	6.5	7.0	15.0
16	6.5	3.5	4.0	4.5	5.0	3.5	2.0	3.0	6.0	7.0	8.5	11.0	9.5	16.5	20.0	19.0	16.5	15.5	16.5	11.5	5.5	4.0	3.0	6.0	8.5	20.0
17	2.5	4.0	6.5	5.5	4.5	2.0	3.0	4.0	2.5	5.5	7.0	5.5	4.0	4.0	5.0	6.0	7.5	11.0	8.0	8.5	11.0	11.0	12.0	5.5	6.0	12.0
18	3.0	10.5	6.0	11.0	7.0	7.5	6.5	7.0	12.5	14.0	11.0	8.5	3.0	6.0	12.5	18.5	15.0	15.0	15.5	4.0	4.5	2.0	1.0	1.0	8.5	18.5
19	3.0	2.5	1.0	2.0	2.5	3.0	3.0	3.5	7.0	4.0	6.0	4.5	9.0	9.5	12.0	14.0	12.0	13.0	15.5	5.5	4.0	4.5	4.5	2.5	6.0	15.5
20	1.0	1.5	1.0	1.5	1.0	1.0	1.5	4.0	3.0	3.0	4.0	14.0	15.5	9.5	14.5	11.5	11.5	13.0	6.0	[PF]	[PF]	[PF]	[PF]	[PF]	6.0	15.5
21	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
22	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
23	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
24	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
25	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
26	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
27	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	3.5	3.5	3.5	3.5	3.5	3.0	3.0	3.5	5.0	5.5	6.0	7.0	7.5	9.0	10.5	11.0	10.0	9.0	9.0	7.0	7.0	6.0	5.5	5.0	6.0	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT,INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
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28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
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AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
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13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
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17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
6	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
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17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
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21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )

WIND SPEED @ 20M
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DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
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9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[MT]	[MT]	[MT]	[MT]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[MT]	[MT]	14.5	16.5	15.0	16.5	17.0	15.0	16.0	14.0	12.0	12.0	13.5	14.5	17.0
29	13.5	13.0	13.0	15.5	10.0	6.0	8.0	14.5	12.0	10.0	8.5	11.0	11.0	8.5	7.0	4.5	14.0	13.0	9.0	6.5	4.5	4.0	4.0	6.0	9.5	15.5
30	5.0	4.5	7.0	6.0	3.0	5.0	8.0	4.0	4.5	8.0	7.5	5.0	12.0	8.5	7.5	6.0	8.5	10.0	8.0	8.0	9.5	10.5	11.5	13.5	7.5	13.5
31	9.0	14.0	10.0	6.0	9.0	5.0	9.0	5.5	6.5	5.0	8.5	12.0	9.5	8.0	6.5	9.5	12.0	10.0	13.0	6.5	7.0	8.0	5.0	4.0	8.5	14.0
AV	9.0	10.5	10.0	9.0	7.5	5.5	8.5	8.0	7.5	7.5	8.0	9.5	11.0	10.0	9.5	9.0	13.0	12.5	11.5	9.5	9.0	8.5	8.0	9.5	10.0	[ ]

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          WIND SPEED @ 30M
          (MILES/HOUR)
                                                              WHITE RIVER SHALE PROJECT,UTAH     *********************
                                                                                                 *                   *
                                                              SITE A  2                          *  PRELIMINARY DATA *
                                                                                                 *  AS OF 15 OCT 75  *
                                                              MAY,1975                           *                   *
                                                                                                 *********************
                                                              AEROVIRONMENT INC.                 *                   *
                                                                                                 *     Subject To    *
                                                                                                 *      Revision     *
                                                                                                 *                   *
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                                       CLOCK HOUR  (LOCAL STANDARD TIME)
   D                                                                                                                  P
   A                                                                                                                  E
   T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE    A
   E                                                                                                                  K

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  31 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][    ] [    ]

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WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
6	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(MT)	(MT)	(MT)	(MT)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(MT)	(MT)	15.5	17.5	16.5	17.5	18.0	16.5	17.0	15.5	13.0	13.5	15.0	16.0	18.0
29	15.0	15.0	15.0	17.0	11.0	7.5	9.0	16.0	13.0	11.5	9.0	11.0	12.5	9.5	7.0	5.5	14.5	13.5	10.0	8.0	6.0	5.5	5.5	7.5	10.5	17.0
30	6.5	7.0	9.0	7.5	5.0	7.5	10.0	5.5	6.0	9.5	8.5	6.0	13.0	9.0	8.5	6.5	10.0	11.5	9.5	10.0	11.0	12.0	13.0	15.0	9.0	15.0
31	10.5	15.5	11.0	7.5	10.0	6.5	10.0	6.5	7.5	6.0	9.5	13.0	10.0	8.5	7.5	9.5	12.5	11.5	14.0	8.0	9.0	10.0	6.5	6.5	9.5	15.5
AV	10.5	12.5	11.5	10.5	8.5	7.0	9.5	9.5	9.0	9.0	9.0	10.0	12.0	10.5	10.0	9.5	13.5	13.5	12.5	11.0	10.5	10.0	9.5	11.0	11.5	( )

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	350	215	200	5	145	300	30	35	15	15	355	15	260	175	210	270	290	315	285	205	195	210	195	235	10	
2	120	140	170	170	175	150	350	295	25	30	20	350	280	270	265	0	300	275	300	225	290	265	220	200	13	
3	175	30	175	240	315	170	60	25	25	25	350	310	240	240	240	195	200	195	195	185	175	175	190	180	9	
4	205	190	220	215	190	195	180	195	190	195	190	195	190	195	190	190	190	195	195	210	300	300	285	255	(VA)	
5	190	190	180	190	205	180	80	220	75	120	10	340	220	175	125	170	255	250	270	270	220	220	190	180	9	
6	185	180	180	180	180	185	185	190	195	195	200	195	190	200	215	220	195	185	235	255	190	195	190	190	9	
7	190	195	190	190	190	195	195	195	190	195	195	190	195	195	205	215	220	230	245	230	250	210	185	255	10	
8	170	205	245	300	195	210	5	30	5	320	265	295	275	260	305	330	295	275	215	355	180	330	225	225	13	
9	195	210	185	165	320	350	85	25	25	35	40	15	190	135	180	190	330	45	205	170	170	170	335	200	9	
10	195	200	260	210	150	135	25	25	20	35	15	355	295	285	295	295	325	295	5	175	225	180	225	190	14	
11	200	275	265	120	240	85	20	45	30	25	20	20	0	260	305	215	235	210	185	185	185	190	250	280	2	
12	275	285	295	270	260	215	230	285	285	285	5	330	10	10	35	40	345	60	85	155	145	105	250	220	14	
13	175	170	185	230	160	240	25	25	40	330	0	15	10	340	315	20	45	40	45	150	150	300	205	180	(VA)	
14	75	140	170	150	180	315	40	25	25	40	60	45	330	325	0	5	45	220	115	155	145	200	190	145	3	
15	210	170	120	130	85	70	330	30	25	30	25	10	345	0	205	160	285	190	190	170	185	190	180	190	9	
16	190	265	220	205	85	15	90	10	350	235	190	290	310	350	15	90	85	225	250	245	185	220	190	55	(VA)	
17	185	195	235	185	170	185	205	10	30	50	280	315	320	290	235	280	330	340	200	205	205	185	205	205	10	
18	180	185	300	170	175	215	50	35	185	190	190	190	190	190	190	190	190	115	145	150	150	180	220	215	9	
19	200	195	185	185	180	180	245	20	40	5	5	55	215	205	195	215	195	195	195	195	220	350	85	75	10	
20	255	265	265	245	225	95	40	30	330	30	0	290	245	240	315	345	330	290	290	290	280	145	110	340	(VA)	
21	130	145	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	175	200	190	210	205	205	190	205	190	190	170	265	265	215	185	9	
22	190	195	340	200	200	185	35	30	300	305	280	125	135	310	220	170	225	190	200	200	195	180	225	190	(VA)	
23	240	165	120	200	105	355	110	25	230	250	265	290	295	285	285	255	260	245	260	250	275	235	190	200	12	
24	200	190	195	210	335	160	40	35	30	25	325	280	220	235	220	210	210	190	190	185	190	180	245	290	9	
25	185	270	285	275	270	295	355	355	0	15	35	35	40	30	355	25	345	0	15	220	225	275	290	260	(VA)	
26	220	195	185	140	115	200	30	20	20	260	305	330	315	305	300	355	0	335	35	150	185	215	235	265	(VA)	
27	305	300	320	165	190	105	90	15	10	20	30	10	190	195	230	315	280	250	195	50	20	350	320	325	15	
28	0	0	215	230	235	290	270	240	260	150	210	235	340	35	70	30	25	30	30	30	25	20	30	50	2	
29	50	0	25	140	265	40	40	40	40	55	40	45	50	45	50	45	35	40	30	35	105	240	205	165	3	
30	205	210	165	135	170	30	30	25	0	10	15	25	335	310	295	320	295	155	190	175	195	230	205	210	(VA)	
31	240	160	200	20	40	265	185	25	30	30	40	330	335	350	5	30	30	325	255	200	175	75	190	190	2	
PV	9	10	9	9	9	9	(VA)	2	2	2	1	2	(VA)	10	(VA)	9	(VA)	9	10	9	9	9	9	9	(VA)	

WIND DIRECTION ■ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	185	210	15	240	75	200	40	30	45	15	305	300	15	15	240	35	30	35	50	145	165	195	195	115	2	
2	0	340	25	170	165	55	35	25	355	305	105	345	20	20	355	10	70	135	175	125	180	225	130	225	[VA]	
3	160	235	160	190	340	315	30	155	205	45	350	25	315	285	280	295	5	345	310	295	295	105	170	130	14	
4	145	205	215	165	245	200	200	215	335	15	50	50	320	275	205	300	10	55	80	160	180	200	225	245	10	
5	170	280	265	175	155	115	0	35	350	45	350	20	330	335	345	0	350	330	305	190	220	210	210	215	1	
6	85	270	10	5	210	5	15	35	25	355	315	245	270	265	300	315	320	295	195	170	170	85	210	170	1	
7	190	35	190	155	190	205	210	290	355	335	290	0	330	335	5	5	335	305	135	115	295	280	220	170	[VA]	
8	205	250	215	10	205	185	10	355	45	5	340	300	275	290	190	200	235	255	305	5	65	320	150	190	1	
9	180	140	110	205	155	165	60	50	40	25	40	35	45	20	345	240	200	205	210	210	250	185	210	210	10	
10	180	125	230	225	165	195	235	325	340	35	25	40	45	45	40	65	220	205	200	195	205	210	200	165	10	
11	220	225	190	345	50	70	20	30	30	25	330	235	260	285	200	280	275	275	265	190	185	190	190	200	[VA]	
12	205	205	250	20	105	80	350	15	30	35	0	320	295	270	345	195	210	285	205	190	180	190	195	205	10	
13	45	25	10	230	75	45	60	25	35	10	325	295	295	260	265	275	295	305	305	305	285	255	220	200	[VA]	
14	200	220	255	275	300	155	235	280	285	305	280	290	275	275	290	275	300	295	295	295	290	280	255	210	14	
15	215	235	220	95	235	145	30	30	25	305	290	290	295	280	280	285	290	295	310	300	235	185	195	225	14	
16	205	270	230	205	230	195	5	310	245	275	285	290	280	300	300	305	305	305	320	320	300	295	215	145	[VA]	
17	235	105	85	305	180	330	345	285	340	280	255	245	265	25	10	40	50	0	80	25	25	50	40	30	[VA]	
18	135	110	260	260	270	285	245	245	295	300	300	280	305	130	150	140	150	190	185	220	295	85	310	185	14	
19	230	205	240	280	280	105	355	35	300	305	315	275	310	320	300	335	350	350	345	330	180	165	140	185	15	
20	175	195	355	205	205	90	40	15	345	320	95	140	150	125	205	280	290	350	285	285	185	235	195	305	10	
21	225	240	345	265	165	340	40	210	155	190	240	180	180	135	85	80	65	70	180	215	210	220	165	130	9	
22	205	165	165	80	70	75	50	180	190	180	195	165	175	175	155	175	225	90	95	75	90	120	105	105	9	
23	100	220	165	165	200	170	190	190	195	200	195	195	90	70	70	220	170	190	200	150	100	130	180	100	[VA]	
24	190	255	230	220	210	235	230	205	120	100	105	110	110	120	115	115	120	120	120	130	125	135	135	160	6	
25	170	150	90	75	75	75	75	75	85	80	95	95	85	140	115	130	130	125	125	125	120	115	115	135	7	
26	90	110	225	225	235	225	225	235	230	235	235	240	230	235	230	230	235	235	225	225	230	215	210	215	11	
27	215	220	185	180	175	195	175	180	175	180	175	180	90	135	135	135	130	130	125	120	130	160	150	125	9	
28	110	140	155	170	165	150	180	170	150	170	165	145	155	140	145	135	130	125	130	125	145	115	115	115	7	
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30	100	110	150	155	130	165	160	160	160	160	155	155	130	130	165	150	135	120	115	120	125	110	125	115	8	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[VA]	
PV	9	11	11	[VA]	8	10	[VA]	2	[VA]	15	[VA]	14	13	7	14	[VA]	7	[VA]	15	7	9	6	10	[VA]	[VA]	

WIND DIRECTION ■ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
PV	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	[VA]	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

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*                   *
*  PRELIMINARY DATA *
*  AS OF 14 OCT 75  *
*                   *
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*                   *
*    Subject To     *
*     Revision      *
*                   *
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CLOCK HOUR (LOCAL STANDARD TIME)

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
355	340	75	5	20	5	40	55	45	35	35	5	300	45	350	355	300	310	280	345	325	240	45	270	3	
35	85	335	20	30	60	40	15	35	40	50	350	290	280	285	0	305	235	315	275	295	270	225	205	3	
270	0	315	310	0	75	25	45	30	30	5	310	305	260	290	285	275	280	270	315	120	25	345	25	[VA]	
270	305	230	230	0	30	15	265	310	270	300	265	270	280	300	290	285	250	250	285	305	300	290	315	14	
255	255	320	225	330	30	80	245	25	25	20	355	250	90	135	145	265	255	295	270	200	250	250	330	12	
300	340	330	325	345	300	300	290	240	270	300	285	285	270	285	285	300	300	290	255	300	245	270	250	14	
255	235	255	245	240	225	225	250	250	285	225	245	240	240	300	270	255	265	260	270	255	270	275	290	12	
105	355	300	15	70	30	45	45	10	340	300	300	290	280	315	350	335	285	245	55	145	345	255	250	14	
330	320	120	60	15	15	30	30	30	45	55	25	60	125	75	45	345	50	25	90	355	355	345	0	2	
350	80	320	305	330	15	45	30	40	60	25	20	305	295	320	345	345	310	20	130	40	60	40	40	[VA]	
345	350	15	15	320	15	30	45	35	30	30	45	5	300	315	0	255	295	315	250	315	300	265	285	2	
285	285	300	275	255	315	315	295	290	300	20	345	15	355	45	60	320	75	90	105	135	130	300	240	14	
255	45	30	205	330	335	30	40	45	0	15	35	45	15	5	30	50	70	60	135	155	340	295	315	3	
10	55	350	10	290	20	15	30	35	50	55	55	335	345	10	10	60	350	130	150	160	200	240	20	1	
340	15	60	100	90	25	50	45	30	40	30	25	350	350	40	45	10	45	165	90	345	255	15	30	2	
0	305	245	225	0	35	320	20	0	320	270	300	315	355	30	110	80	265	270	0	90	250	310	80	[VA]	
25	50	325	30	335	300	320	30	50	50	325	330	315	310	315	320	345	350	220	215	215	20	15	270	15	
310	10	0	5	350	310	25	30	245	250	245	340	295	290	280	250	270	90	155	170	170	15	235	235	1	
270	230	270	300	20	15	335	25	30	15	0	350	285	285	270	265	60	265	270	270	285	0	100	85	13	
0	275	275	255	315	95	50	40	345	40	10	300	290	290	320	345	335	300	300	205	295	135	125	340	14	
45	150	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	35	250	250	295	295	285	285	270	280	275	80	295	260	255	200	14	
315	275	335	305	315	325	55	40	340	335	315	120	130	330	345	40	350	340	240	230	230	285	235	265	16	
355	330	325	325	30	50	45	30	315	270	285	300	305	290	300	280	270	265	270	255	285	255	270	210	13	
230	265	245	240	330	300	30	35	45	30	340	280	255	260	260	270	285	295	300	265	230	25	265	335	13	
60	5	290	285	275	300	0	0	5	60	15	40	50	40	30	40	0	0	15	315	50	285	200	270	1	
265	335	340	15	145	25	15	20	25	15	30	350	325	325	0	25	10	350	40	150	350	240	255	270	2	
310	305	30	155	45	70	90	25	20	5	55	45	240	240	270	340	285	260	75	30	15	355	310	5	2	
15	60	240	220	225	300	270	260	105	95	225	200	355	40	80	35	35	40	35	40	35	25	35	55	3	
45	0	30	195	200	50	50	50	45	60	50	50	55	55	65	60	45	45	40	40	55	85	270	15	3	
45	355	45	45	0	30	30	25	20	30	35	45	0	345	345	30	315	345	345	125	5	355	220	245	2	
240	305	260	15	345	355	335	40	30	40	60	10	330	355	15	60	20	345	275	210	15	45	315	270	2	
1	1	15	2	16	2	2	2	[VA]	3	2	3	14	14	14	[VA]	[VA]	13	13	13	14	12	13	13	[VA]	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	315	295	315	340	30	0	30	45	50	25	320	345	50	20	350	45	45	45	60	130	165	45	225	30	3	
2	45	0	345	45	345	15	40	30	20	335	75	10	35	35	45	30	75	115	45	130	90	125	90	295	3	
3	40	20	75	30	315	30	15	45	345	45	5	35	320	295	295	300	15	350	325	300	305	100	320	100	[VA]	
4	90	20	230	95	335	220	215	250	355	45	65	45	310	300	345	315	30	50	90	135	60	265	240	315	[VA]	
5	75	345	340	315	15	75	45	60	350	35	30	20	345	345	350	0	0	340	310	50	30	315	270	340	16	
6	90	30	10	15	310	15	0	30	30	65	330	290	285	305	330	345	335	355	90	105	160	335	330	295	16	
7	250	5	240	30	0	265	330	290	0	340	300	0	350	345	20	5	335	315	150	100	205	295	295	75	1	
8	230	265	225	20	235	45	20	60	45	15	10	305	290	285	245	295	275	275	310	15	65	35	45	350	[VA]	
9	240	105	95	350	125	80	75	60	55	40	60	30	40	25	330	255	225	250	225	270	265	250	225	300	[VA]	
10	340	305	230	240	340	340	250	335	0	60	25	45	50	45	45	345	345	225	210	225	210	215	20	5	16	
11	300	260	300	250	60	25	30	30	40	30	20	345	25	315	355	295	285	265	200	300	240	235	235	215	2	
12	215	220	245	15	25	60	15	20	35	45	15	5	315	285	5	340	275	305	250	260	345	260	240	210	2	
13	25	0	15	345	10	20	30	30	50	45	335	300	305	285	290	295	300	310	310	310	300	270	240	210	[VA]	
14	225	235	265	285	310	330	240	295	285	315	290	300	295	275	300	285	305	300	300	300	300	290	270	300	14	
15	270	270	345	350	340	345	15	40	30	305	310	295	300	285	290	295	290	305	315	305	260	345	245	295	14	
16	325	330	270	315	40	330	350	300	290	300	295	300	300	305	305	310	315	310	330	335	315	305	280	125	15	
17	5	15	25	55	15	0	340	305	5	295	265	250	325	45	20	45	55	15	85	40	40	65	40	65	3	
18	150	130	275	275	290	285	255	260	305	300	310	290	0	90	120	155	155	295	330	285	315	90	345	345	14	
19	30	340	325	350	295	40	15	30	325	320	330	300	330	325	305	335	350	0	355	345	125	150	110	335	16	
20	90	105	25	305	5	45	40	15	0	355	50	140	135	120	265	300	295	355	305	295	345	70	350	340	1	
21	0	335	60	335	50	345	50	30	95	30	20	300	305	125	110	140	140	150	75	130	115	80	40	350	7	
22	0	15	0	350	335	335	30	35	45	45	50	350	350	340	300	20	75	105	15	150	170	55	275	240	[VA]	
23	305	310	325	310	5	0	35	35	45	70	70	30	0	105	100	90	5	60	60	355	30	325	315	320	[VA]	
24	25	20	0	30	340	335	40	10	130	335	330	295	250	230	275	305	255	235	245	270	315	220	240	330	16	
25	345	20	60	55	35	10	30	0	265	265	255	255	260	10	285	315	300	300	305	295	290	290	295	330	14	
26	310	5	340	15	40	305	350	25	20	35	300	35	35	15	15	345	15	20	15	80	300	315	295	30	2	
27	45	30	335	340	340	75	10	45	40	50	35	45	280	270	255	265	265	260	255	235	315	15	345	275	[VA]	
28	230	280	350	5	0	315	15	25	335	45	30	320	340	295	290	285	275	255	260	235	330	265	255	240	13	
29	225	230	35	305	30	0	60	35	35	45	335	310	45	330	285	285	260	255	275	300	315	300	285	230	[VA]	
30	220	250	0	95	330	355	30	35	40	35	35	35	345	335	15	325	325	265	260	300	340	305	95	285	3	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[VA]	
PV	11	2	[VA]	2	16	16	2	2	3	3	2	14	[VA]	14	14	14	[VA]	15	15	14	15	[VA]	12	[VA]	[VA]	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	350	355	340	30	0	0	35	20	60	50	30	340	300	275	275	330	270	295	270	255	265	315	20	10	[VA]	
2	5	350	330	320	310	335	0	35	350	10	10	30	10	335	0	325	320	0	125	140	160	135	75	30	1	
3	350	155	90	350	25	265	315	350	10	15	290	340	30	0	300	15	65	350	255	330	295	130	355	55	1	
4	350	300	15	20	290	50	40	40	40	340	305	300	295	300	285	350	45	20	290	290	285	265	280	260	14	
5	285	355	70	95	220	270	345	55	30	15	345	295	305	285	290	355	10	10	355	0	50	75	65	35	1	
6	355	60	350	45	340	15	90	35	30	5	50	80	20	15	25	305	40	45	10	355	285	275	285	250	[VA]	
7	30	30	10	335	30	0	45	30	45	50	40	45	30	20	40	40	50	40	40	65	140	150	130	140	3	
8	95	100	105	90	35	80	95	65	80	20	50	105	25	10	90	150	70	0	120	110	40	350	335	305	5	
9	345	320	345	5	250	65	280	250	235	115	45	35	20	350	345	90	325	300	315	55	350	340	25	20	16	
10	35	345	320	315	80	60	305	10	35	60	345	5	35	30	35	35	40	55	55	85	335	40	90	25	3	
11	110	100	105	240	250	350	40	20	30	35	35	40	30	35	90	85	90	25	290	305	25	50	45	25	3	
12	65	20	15	75	335	340	75	40	30	30	20	45	40	35	20	340	60	45	300	265	245	220	220	235	2	
13	265	225	230	240	15	280	345	340	335	295	290	280	35	350	265	275	255	275	290	280	0	315	285	250	13	
14	275	305	335	345	20	325	40	75	40	30	10	80	30	10	300	260	25	300	290	35	30	30	10	340	2	
15	80	355	335	120	30	315	340	25	15	295	60	350	145	320	90	40	325	15	30	140	45	40	25	45	2	
16	70	75	145	130	355	15	45	40	265	10	340	15	55	130	130	285	350	100	35	135	75	30	255	270	7	
17	285	45	300	350	350	145	20	30	30	20	0	285	300	260	265	265	255	290	285	45	35	225	215	300	14	
18	225	290	325	320	25	0	40	35	270	290	340	355	345	30	320	320	335	100	120	130	270	285	250	225	15	
19	330	350	270	25	325	30	15	30	30	35	295	300	335	15	0	330	350	10	355	345	30	30	335	220	2	
20	325	60	220	340	60	10	50	40	35	30	30	20	345	300	15	300	355	350	355	5	135	135	300	305	1	
21	55	130	95	20	0	15	305	250	310	255	10	320	10	35	330	245	240	40	300	245	230	250	45	350	12	
22	310	340	0	345	15	40	350	270	0	40	40	0	305	295	310	345	10	35	25	15	20	25	10	255	1	
23	260	30	255	30	295	345	70	40	15	35	25	5	355	350	325	15	350	40	50	340	65	75	45	295	[VA]	
24	250	340	0	330	335	345	45	35	30	30	25	10	5	10	340	0	15	20	20	5	330	330	305	270	16	
25	45	335	335	340	315	50	45	10	25	355	5	[MT]	[MT]	[MT]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	280	220	195	200	190	205	205	210	210	205	200	195	10	
29	200	200	195	200	210	240	225	210	210	235	295	345	290	200	145	330	310	295	250	155	35	345	265	190	10	
30	255	190	215	220	330	230	190	15	330	235	270	300	135	125	105	45	245	245	295	215	210	215	200	195	11	
31	200	215	285	265	245	235	205	270	15	35	20	325	315	300	130	345	355	0	320	220	200	215	5	220	11	
PV	1	1	16	16	2	1	3	3	2	2	[VA]	1	2	1	14	16	1	[VA]	14	[VA]	3	[VA]	1	[VA]	[VA]	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	20	315	155	10	70	90	35	65	35	40	20	10	285	60	335	5	300	315	295	295	245	230	355	285	14	
2	5	50	295	295	30	35	10	60	30	35	65	355	290	295	275	15	310	290	315	295	290	275	235	205	14	
3	225	355	350	330	320	10	0	35	30	25	350	315	265	250	260	240	265	240	235	240	70	285	315	40	1	
4	225	330	230	230	215	50	335	245	280	245	305	250	265	245	280	240	270	230	245	260	305	305	290	265	(VA)	
5	235	215	235	210	215	190	120	235	5	355	15	350	255	160	135	115	275	265	275	280	255	245	225	255	11	
6	245	255	245	260	265	245	250	245	230	255	250	260	240	240	265	265	280	265	265	265	255	240	235	230	12	
7	230	215	235	225	220	215	215	225	250	245	230	240	220	235	255	260	255	255	260	255	260	255	240	280	11	
8	145	205	280	5	55	295	55	30	0	325	275	295	285	270	310	345	325	280	230	50	180	335	215	245	13	
9	330	310	65	15	5	345	25	25	25	45	40	25	355	110	180	30	335	50	300	140	315	75	10	340	2	
10	345	130	295	335	305	0	20	0	25	40	30	5	305	290	305	305	340	305	25	105	60	140	90	20	(VA)	
11	310	50	30	20	280	65	10	30	30	30	25	40	15	300	310	310	255	250	260	220	260	250	260	285	2	
12	280	285	295	275	270	255	285	290	295	305	20	340	15	30	50	55	345	70	90	105	125	135	295	245	14	
13	153	153	240	45	75	265	225	345	25	350	10	15	30	20	0	30	55	60	55	120	145	345	280	315	2	
14	355	100	5	335	280	25	10	40	30	50	60	40	335	350	5	5	50	10	120	140	150	95	220	330	1	
15	330	15	315	235	45	345	75	35	30	30	25	30	15	10	335	55	310	70	70	155	300	250	265	25	2	
16	355	300	245	215	315	10	300	330	355	305	240	295	315	355	30	100	70	255	260	275	255	240	265	65	12	
17	150	70	295	230	255	220	260	20	40	45	300	325	330	290	300	325	335	345	220	215	210	160	20	260	(VA)	
18	220	205	35	100	290	260	350	20	240	235	250	285	245	245	270	260	235	50	135	155	155	280	230	235	11	
19	240	240	225	215	260	250	325	15	20	10	5	345	250	255	245	245	240	240	235	245	250	355	85	80	12	
20	300	275	275	255	225	100	50	40	340	40	5	295	285	275	315	350	330	295	295	300	295	115	125	60	14	
21	70	70	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	125	225	240	280	270	260	240	250	255	255	135	280	270	260	230	13	
22	162	245	240	0	265	280	235	50	30	320	320	305	135	320	300	170	270	165	230	225	210	210	235	260	(VA)	
23	350	310	340	305	80	40	335	35	290	275	290	295	300	290	295	265	265	260	265	260	285	250	220	210	14	
24	215	235	225	230	340	285	25	35	40	30	330	285	255	260	255	255	260	255	260	240	225	325	265	320	(VA)	
25	90	335	290	285	280	300	0	0	5	20	35	45	55	35	20	40	0	5	15	345	15	295	295	270	(VA)	
26	265	210	150	115	140	30	5	15	20	0	20	340	320	315	325	15	25	5	35	130	295	235	250	280	2	
27	315	305	10	145	220	45	90	20	20	10	40	5	255	245	260	340	290	265	75	20	25	0	330	340	(VA)	
28	10	40	225	240	245	310	280	255	275	155	235	285	350	45	75	35	35	35	35	35	30	25	35	55	3	
29	55	10	30	120	290	45	55	55	55	65	50	50	60	55	60	55	40	50	35	40	60	80	275	355	3	
30	145	340	35	5	280	20	30	30	15	30	35	60	5	335	350	335	315	45	340	175	170	215	215	240	2	
31	255	315	255	20	335	350	40	30	30	40	60	20	340	5	10	65	35	0	270	210	25	30	220	240	2	
PV	11	15	11	11	13	3	1	2	2	3	2	14	12	12	13	(VA)	13	12	13	13	(VA)	12	11	13	(VA)	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JUNE, 1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	270	235	320	10	320	320	20	45	45	25	320	355	30	35	310	50	45	45	60	100	145	95	220	55	3	
2	5	350	320	240	5	5	45	15	15	335	65	5	30	15	40	15	75	120	5	130	150	80	95	275	1	
3	110	5	80	165	115	0	5	45	315	55	10	30	325	290	285	300	15	345	320	305	300	95	210	140	[VA]	
4	110	105	215	130	295	215	210	255	325	35	65	50	330	295	355	310	20	55	80	105	80	270	250	320	[VA]	
5	50	320	255	280	325	55	10	45	355	20	35	20	335	345	345	0	5	335	305	200	135	330	260	245	16	
6	60	20	355	20	285	15	350	25	30	55	335	275	285	300	315	0	330	330	65	135	160	335	275	275	2	
7	245	325	255	120	150	255	245	315	0	340	295	5	350	340	20	10	340	310	135	105	295	290	275	245	12	
8	225	255	230	5	230	355	15	50	65	20	5	300	295	295	235	260	275	270	310	20	65	20	30	345	2	
9	195	100	90	50	100	55	75	70	50	40	60	40	55	25	350	250	220	240	220	265	275	245	220	305	3	
10	250	215	145	230	255	335	245	330	15	60	25	40	45	50	55	50	85	240	225	215	225	215	220	345	11	
11	245	250	250	325	45	5	35	30	40	30	25	335	15	310	265	295	280	285	280	215	270	225	225	215	[VA]	
12	215	215	235	355	15	30	20	25	30	40	10	355	315	280	5	295	250	295	250	230	280	230	230	215	11	
13	0	10	0	270	5	25	350	35	50	30	335	300	310	285	275	285	300	310	310	315	305	275	240	210	[VA]	
14	220	225	270	285	310	345	245	290	295	320	290	300	280	280	295	285	305	300	305	305	295	290	265	295	14	
15	255	325	345	335	285	350	20	45	20	310	305	295	305	290	285	295	295	310	315	305	275	315	240	275	15	
16	265	345	255	300	325	210	0	285	280	295	295	295	295	305	310	315	320	310	325	325	315	310	290	140	15	
17	55	35	0	55	35	10	345	300	5	295	270	255	315	40	20	50	40	5	85	35	35	60	40	55	3	
18	145	135	275	275	290	290	260	260	305	305	305	290	320	85	140	155	155	285	320	270	310	90	135	215	15	
19	15	15	345	0	275	30	350	10	315	310	325	305	330	330	325	340	0	0	0	350	130	155	125	300	1	
20	150	30	10	245	20	345	30	15	355	340	75	135	145	140	250	300	300	0	305	295	15	105	295	335	2	
21	30	335	55	5	50	345	50	30	35	30	20	300	310	140	100	140	145	145	65	130	130	115	70	300	7	
22	290	355	55	315	295	265	20	40	40	30	40	340	325	330	295	270	65	135	190	140	165	100	255	220	3	
23	205	20	325	315	315	345	45	35	45	60	55	45	220	105	105	85	345	50	70	0	120	315	325	110	3	
24	35	295	355	25	335	315	15	5	125	325	280	275	245	230	255	300	230	225	250	235	135	215	270	335	11	
25	5	10	10	10	0	350	345	335	245	255	255	255	275	340	280	315	300	295	305	295	290	290	290	315	[VA]	
26	315	10	330	265	320	315	355	20	20	30	285	20	30	35	15	345	10	20	10	55	105	175	250	315	2	
27	30	340	300	345	300	25	20	40	40	55	30	35	265	250	255	255	260	250	235	220	235	315	270	245	12	
28	210	220	250	330	350	0	5	30	335	40	25	325	335	295	280	250	270	245	240	215	265	235	250	240	12	
29	220	225	15	300	25	15	55	25	25	40	345	280	355	255	260	260	240	240	255	265	290	280	280	220	13	
30	215	255	125	5	335	5	5	50	40	40	35	20	250	260	90	245	235	245	230	250	265	255	65	195	12	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[VA]	
PV	11	[VA]	1	1	[VA]	1	1	3	3	3	2	14	15	14	13	14	[VA]	12	15	11	13	[VA]	13	11	[VA]	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	350	350	330	15	0	320	15	15	65	50	35	340	260	260	260	300	275	270	255	230	230	240	330	0	13	
2	325	355	340	295	310	0	340	0	355	15	5	30	10	315	0	330	310	10	115	135	155	140	110	135	1	
3	230	155	120	110	345	260	285	295	265	320	260	330	50	335	295	5	65	355	265	325	310	180	65	90	13	
4	315	270	70	245	255	45	40	50	30	335	305	305	295	295	285	195	100	75	290	290	285	270	280	235	14	
5	215	335	65	140	220	245	5	50	30	20	340	285	300	280	290	5	10	10	0	355	55	75	65	155	1	
6	350	40	350	175	50	335	115	45	35	25	45	80	25	20	30	305	20	35	10	0	300	290	285	230	3	
7	350	290	0	275	310	355	15	35	45	45	35	40	345	20	45	25	55	35	35	60	145	145	125	135	3	
8	100	100	105	95	35	80	90	60	75	20	25	85	30	35	85	140	80	15	125	100	60	10	340	260	5	
9	290	315	325	325	250	115	250	240	235	120	55	30	25	225	255	310	285	300	310	55	15	355	40	5	15	
10	30	340	320	320	165	95	265	15	40	45	345	355	35	30	30	35	35	55	50	75	335	35	80	335	3	
11	100	90	160	230	265	345	355	0	30	40	35	45	35	35	90	80	95	20	285	290	30	55	40	30	3	
12	65	80	45	70	355	235	80	45	30	30	30	45	25	35	20	325	55	35	310	240	225	215	220	240	3	
13	240	215	210	215	320	245	270	325	300	265	290	275	50	355	260	265	215	280	290	290	95	280	235	230	13	
14	245	305	280	5	355	320	20	70	40	30	20	20	25	350	305	235	260	300	290	195	200	250	345	275	2	
15	45	300	335	155	220	295	300	15	355	255	340	355	140	220	90	20	20	190	315	135	95	190	0	125	(VA)	
16	160	115	145	175	345	25	30	115	235	150	350	245	165	135	145	285	345	100	310	145	165	60	270	275	(VA)	
17	260	300	280	55	315	125	100	40	35	35	5	300	305	265	275	275	260	295	280	10	55	220	215	255	13	
18	215	265	265	305	355	335	355	60	255	265	335	335	345	35	310	320	305	90	120	125	215	190	240	220	(VA)	
19	85	5	245	15	305	60	25	40	30	65	290	295	340	25	0	325	325	5	0	345	50	80	305	215	(VA)	
20	350	80	225	315	325	20	30	40	45	30	35	15	5	275	270	270	0	355	5	10	120	150	280	25	1	
21	60	140	170	30	35	0	305	255	280	265	245	315	345	25	335	245	240	160	230	260	240	235	115	340	12	
22	210	320	245	340	220	155	0	285	355	35	45	25	295	305	300	355	10	30	25	15	20	25	240	250	2	
23	270	330	230	355	270	0	80	50	15	40	20	0	10	355	335	20	345	45	55	10	45	50	60	310	(VA)	
24	275	315	355	335	295	340	90	35	35	30	25	20	5	15	345	355	20	25	20	5	5	50	290	295	2	
25	0	320	335	335	0	230	20	350	25	20	(MT)	(MT)	(MT)	(MT)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(VA)	
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(VA)	
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(VA)	
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(MT)	(MT)	220	200	195	190	200	205	205	205	210	205	195	10	
29	200	200	195	200	210	230	235	210	210	235	305	345	185	175	95	330	305	295	245	170	115	105	250	200	10	
30	285	185	215	155	265	200	180	340	45	225	265	285	130	110	95	45	255	235	285	225	200	210	200	190	(VA)	
31	200	205	275	275	245	225	205	270	10	50	10	320	325	175	110	40	355	0	345	235	195	200	315	185	10	
PV	1	15	(VA)	15	15	(VA)	2	3	3	2	3	2	2	2	5	15	(VA)	1	14	1	(VA)	3	(VA)	11	(VA)	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.5	2.2	1.6	1.0	.0	.0	-.1	2.7	5.5	7.9	10.6	12.3	13.2	13.4	13.3	13.6	13.2	11.6	11.1	9.7	8.7	8.3	6.9	5.7	7.3	13.6
2	4.9	3.5	2.8	1.9	1.5	1.0	1.2	4.1	6.7	9.2	11.5	12.5	13.5	14.3	14.8	15.4	15.5	15.4	14.7	12.8	13.4	12.6	11.6	9.8	9.4	15.5
3	8.1	5.7	4.4	3.6	2.5	2.1	2.5	4.7	8.1	12.1	15.5	17.1	18.5	19.3	19.8	19.9	20.1	19.7	18.7	17.2	15.9	15.3	14.7	14.3	12.5	20.1
4	13.7	14.0	12.6	12.3	11.7	11.7	13.0	14.0	15.5	17.2	16.3	16.9	17.0	17.4	18.0	18.5	18.1	18.6	17.0	14.4	5.1	2.3	.7	.0	13.2	18.6
5	-.3	-.4	-.4	-.4	-.3	.1	.1	.3	1.2	2.8	2.8	2.4	1.4	.9	1.5	2.5	2.1	1.1	.8	.3	.3	.7	.2	.3	.8	2.8
6	.1	-.5	-.9	-1.3	-1.6	-1.7	-.7	.7	2.4	4.1	5.0	5.7	6.3	5.9	7.5	7.8	7.2	7.0	6.6	6.3	6.0	5.4	4.8	5.3	3.6	7.8
7	5.3	4.9	4.4	4.2	4.1	4.4	4.6	5.3	5.3	5.4	6.9	7.5	8.0	9.6	10.1	10.1	10.1	9.7	9.3	8.7	8.4	7.8	7.6	8.0	7.1	10.1
8	6.6	6.1	5.8	4.2	3.5	3.6	3.9	5.2	8.8	11.0	12.2	12.4	13.7	14.8	15.1	15.1	15.2	14.7	13.9	12.4	12.3	11.2	9.5	9.1	10.0	15.2
9	7.9	6.5	5.1	4.6	3.7	3.0	4.0	5.8	8.2	11.1	13.4	15.6	17.5	16.7	16.8	18.0	16.0	16.1	15.7	13.8	12.7	11.6	10.4	8.9	11.0	18.0
10	8.1	6.4	6.6	4.9	4.5	4.0	4.5	6.5	9.8	12.8	15.2	17.8	19.8	21.1	21.6	22.2	22.1	21.2	20.9	17.7	16.5	14.7	13.9	12.2	13.5	22.2
11	11.1	9.5	8.5	7.6	6.8	6.0	6.9	8.7	12.5	14.9	17.4	19.2	21.0	22.8	23.3	24.0	24.4	23.6	22.9	21.7	19.9	18.1	17.7	14.4	16.0	24.4
12	12.5	10.7	9.2	8.7	7.7	7.3	7.3	8.2	9.1	10.3	11.1	11.5	11.3	11.5	11.6	12.6	13.3	12.9	12.2	11.4	11.1	10.4	10.2	10.0	10.5	13.3
13	10.0	9.4	7.7	7.1	6.5	5.3	6.3	8.4	11.3	14.1	15.3	16.4	17.4	18.7	19.7	20.3	20.8	20.8	20.3	17.8	17.6	15.6	14.3	12.7	13.9	20.8
14	11.5	10.9	9.7	8.3	7.2	6.6	7.7	10.1	13.7	16.9	19.7	22.0	23.6	24.5	25.2	25.8	25.3	25.3	25.1	22.3	21.9	18.9	17.2	16.4	17.3	25.8
15	14.6	12.5	10.8	9.4	8.4	8.1	9.4	11.6	15.6	19.4	22.8	25.2	25.5	24.6	25.7	26.7	27.8	27.3	27.3	23.9	22.8	21.4	19.8	19.0	19.2	27.8
16	19.8	16.7	17.0	17.5	13.9	12.2	12.3	15.2	18.9	22.4	23.5	22.8	22.9	24.0	23.9	22.8	22.3	20.2	19.1	18.2	17.3	16.0	14.5	13.9	18.6	24.0
17	13.8	12.7	11.8	11.4	11.5	11.2	12.7	14.1	15.7	17.9	19.1	20.2	21.0	21.1	21.8	17.9	17.8	18.8	18.4	18.1	17.4	15.8	14.9	13.9	16.2	21.8
18	12.1	12.9	11.2	10.8	9.9	11.8	10.9	12.0	15.9	16.6	16.8	18.4	19.0	19.8	20.4	20.3	19.8	16.3	14.1	14.2	14.0	14.7	14.7	14.3	15.0	20.4
19	13.0	12.2	12.3	12.0	11.9	12.0	12.6	12.2	14.5	16.2	17.0	19.5	22.3	22.8	22.5	20.9	21.2	20.6	20.6	20.1	18.5	12.4	11.6	11.3	16.3	22.8
20	10.4	5.8	4.7	4.6	4.5	4.9	5.1	5.5	6.8	8.9	10.9	11.2	13.9	14.7	11.0	11.0	10.5	8.2	6.4	5.0	2.6	1.0	1.3	.9	7.1	14.7
21	1.6	1.6	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	6.8	6.9	6.9	8.0	8.5	9.5	10.3	11.0	10.8	10.8	8.9	7.5	6.6	5.9	5.4	7.5	11.0
22	5.0	4.0	3.2	2.9	2.9	3.0	3.5	4.3	6.5	8.0	8.3	6.9	5.7	4.7	4.0	5.8	7.5	8.1	7.3	6.6	6.0	5.3	5.0	4.0	5.4	8.3
23	4.1	3.3	2.6	2.2	2.0	1.8	2.6	4.9	7.8	9.5	10.2	11.2	11.6	12.3	12.9	13.3	13.8	13.6	13.9	13.1	12.5	11.6	10.2	9.7	8.8	13.9
24	9.2	8.6	8.6	8.1	6.0	6.7	6.5	8.7	11.4	14.3	16.5	18.1	19.4	20.4	20.6	21.4	21.7	21.6	21.3	19.6	18.1	16.7	16.7	14.5	14.8	21.7
25	13.3	12.8	10.6	9.8	9.9	9.9	7.6	7.7	7.8	9.1	10.4	11.1	11.9	12.6	13.5	14.5	14.8	14.9	14.6	13.0	11.6	11.8	11.0	9.9	11.4	14.9
26	9.1	7.8	5.5	4.3	4.6	4.1	4.8	6.5	8.6	10.9	12.3	13.2	14.4	15.6	16.7	17.5	18.1	18.2	17.5	15.8	15.1	14.4	13.9	14.1	11.8	18.2
27	13.4	11.8	10.5	10.5	10.5	9.7	10.5	11.5	12.8	14.9	16.4	17.6	17.0	16.1	16.3	14.5	12.1	9.0	9.6	8.7	8.8	8.8	8.6	8.5	12.0	17.6
28	7.5	7.3	7.0	7.0	7.2	7.3	7.3	7.6	7.4	6.6	7.5	8.6	8.9	9.8	10.3	11.1	11.1	10.4	9.3	8.5	7.8	7.5	7.0	6.3	8.2	11.1
29	5.1	4.4	4.3	4.1	4.4	5.1	5.9	6.1	6.8	7.9	8.7	9.5	11.1	12.1	12.9	13.6	13.4	14.0	14.1	12.8	11.1	10.7	9.3	8.4	9.0	14.1
30	7.5	6.1	4.9	4.2	3.8	3.4	4.4	6.5	9.3	11.6	13.5	14.8	16.2	17.7	18.4	19.1	19.5	19.4	19.0	17.1	16.6	15.2	15.6	14.7	12.4	19.5
31	12.9	10.5	11.3	9.0	9.4	8.0	9.1	11.6	13.1	15.5	16.8	18.1	19.3	20.3	20.5	20.6	20.9	20.6	17.8	16.2	15.9	15.2	14.6	13.6	15.0	20.9
AV	8.9	7.7	7.1	6.5	6.0	5.8	6.2	7.7	9.9	11.8	13.2	14.3	15.2	15.7	16.1	16.4	16.3	15.8	15.2	13.8	12.7	11.5	10.8	10.0	11.4	( )

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	12.4	11.4	10.5	9.7	8.9	8.5	9.6	11.8	14.5	16.8	18.8	20.1	20.7	21.7	22.1	22.4	22.7	22.7	22.1	20.2	18.7	18.1	16.4	15.4	16.5	22.7
2	13.4	13.2	11.8	11.1	10.2	9.5	10.8	12.7	15.6	18.0	19.6	21.8	23.5	25.3	24.6	21.7	22.6	21.8	20.8	20.6	19.5	18.6	16.6	16.7	17.5	25.3
3	15.4	14.9	13.5	13.2	13.2	12.3	11.5	13.2	15.1	17.7	19.9	21.7	23.1	23.9	23.6	20.2	19.7	19.8	18.8	15.6	11.1	10.6	10.8	11.2	16.2	23.9
4	10.5	10.0	10.1	9.8	9.2	9.3	10.1	11.5	12.8	14.3	15.5	16.5	17.5	18.5	19.6	20.4	20.8	20.4	19.9	18.2	16.9	15.9	15.6	14.6	14.9	20.8
5	12.5	12.1	10.8	9.8	8.8	8.9	10.0	12.1	15.0	17.2	18.8	20.2	21.9	23.0	24.0	24.7	25.1	25.6	25.5	23.0	21.3	19.9	18.9	17.9	17.8	25.6
6	15.5	14.4	13.6	13.0	12.4	12.5	13.2	15.2	18.0	20.8	23.1	24.7	26.0	27.3	27.7	28.0	28.1	28.1	26.9	24.2	23.8	22.4	21.5	21.4	20.9	28.1
7	20.4	18.8	19.0	17.9	17.9	19.0	19.1	20.1	20.7	20.6	20.3	21.6	22.3	21.8	22.3	22.4	18.4	14.4	14.7	14.7	14.4	12.7	12.4	12.1	18.3	22.4
8	12.2	12.2	12.3	11.9	11.9	11.9	12.3	13.1	13.9	14.0	14.8	16.1	17.9	18.4	17.2	19.2	19.5	19.6	19.8	17.2	15.5	13.3	12.6	11.3	14.9	19.8
9	11.2	10.1	9.9	9.0	8.7	7.9	9.2	9.4	10.6	12.0	13.5	14.4	15.3	14.7	12.7	8.1	8.5	9.7	10.4	10.2	9.3	8.3	8.3	7.8	10.4	15.3
10	7.5	7.5	7.5	7.4	6.7	6.7	6.9	8.0	10.0	11.4	12.1	13.2	14.3	14.3	14.2	13.4	13.4	12.9	13.0	13.0	12.1	11.5	10.8	10.0	10.7	14.3
11	8.2	7.5	6.6	5.9	5.0	5.1	6.0	8.3	11.2	13.4	14.9	16.2	17.5	18.7	19.7	20.8	21.2	21.6	21.5	20.4	18.4	17.0	16.4	16.2	14.1	21.6
12	15.7	14.9	13.8	11.0	9.5	8.7	9.9	12.9	15.9	18.3	20.6	22.4	24.4	25.5	25.0	23.5	24.9	24.9	24.8	23.7	21.7	20.8	20.5	19.8	18.9	25.5
13	17.8	16.3	14.8	13.5	12.2	11.4	12.0	15.0	18.3	21.4	24.5	26.2	27.6	28.6	28.6	28.8	28.7	27.4	26.6	25.9	24.6	24.0	23.3	21.7	21.6	28.8
14	20.7	20.8	21.9	21.6	19.7	18.1	19.5	20.3	21.4	22.9	24.1	24.9	26.0	26.5	27.1	27.5	27.4	26.8	25.8	24.5	23.2	22.6	21.8	20.1	23.1	27.5
15	18.5	16.6	14.7	13.6	12.6	12.1	13.3	15.9	19.5	22.5	24.5	26.0	27.0	27.9	28.3	28.1	28.3	28.0	27.4	26.4	25.3	23.5	22.1	21.0	21.8	28.3
16	21.1	20.3	21.3	19.8	17.9	17.7	17.7	19.0	21.2	22.2	23.7	24.5	24.4	25.7	25.3	24.9	24.7	24.1	23.4	22.5	21.3	20.8	19.6	18.5	21.7	25.7
17	17.0	16.3	16.8	16.1	16.7	15.3	15.5	16.0	16.6	16.8	16.9	17.6	18.9	20.3	21.0	21.8	21.5	21.0	20.1	19.6	19.1	17.9	17.1	14.7	17.9	21.8
18	14.0	14.7	13.7	11.7	10.8	9.2	8.4	9.2	9.1	8.8	8.9	8.0	7.8	9.5	9.1	9.1	10.8	13.6	12.0	9.7	6.6	6.2	5.8	5.6	9.7	14.7
19	5.6	4.8	5.0	5.0	5.2	5.2	6.1	8.3	8.9	10.6	12.5	13.4	14.0	15.3	15.3	14.6	14.6	14.0	12.7	11.4	10.4	10.6	10.4	8.9	10.1	15.3
20	8.6	8.3	7.8	7.6	6.7	6.2	7.2	9.4	10.2	11.0	12.2	13.6	12.0	13.5	12.3	13.2	13.0	11.2	10.9	9.5	8.2	7.6	7.1	6.2	9.7	13.6
21	6.0	5.2	5.0	4.9	3.9	4.6	5.8	7.0	9.5	11.2	14.0	15.3	17.1	16.4	13.1	12.1	13.4	14.4	15.5	14.8	13.0	12.8	12.0	11.6	10.8	17.1
22	10.6	10.0	9.2	9.0	8.1	8.8	8.8	11.0	13.5	15.8	17.6	18.9	20.0	20.9	21.9	22.3	22.7	22.3	21.9	20.9	20.2	19.1	17.0	16.5	16.1	22.7
23	15.9	13.6	12.6	11.3	10.5	10.4	11.6	13.4	16.4	19.1	21.6	23.2	18.8	21.3	23.3	25.0	25.8	25.4	24.4	22.3	20.2	19.9	17.8	17.6	18.4	25.8
24	16.0	14.0	13.2	12.2	12.0	12.2	12.6	14.1	21.8	24.7	25.7	26.7	27.4	28.1	28.0	28.4	29.0	28.9	28.2	27.0	24.8	22.6	21.0	18.8	21.6	29.0
25	19.2	20.7	20.8	20.6	20.0	19.7	19.7	20.1	20.9	21.2	19.0	16.9	16.3	17.8	19.9	17.9	17.8	16.0	14.6	13.1	12.3	11.8	11.2	10.3	17.4	21.2
26	9.3	7.5	5.5	5.1	4.0	4.3	6.0	8.4	11.1	13.0	14.8	16.2	17.7	19.4	20.7	22.2	22.9	23.1	23.0	21.4	19.0	19.4	17.9	16.1	14.5	23.1
27	13.4	12.5	10.7	10.1	9.0	8.7	10.2	12.9	16.3	19.5	23.0	26.4	29.3	29.6	29.8	29.9	29.3	29.8	29.4	28.0	26.3	23.8	23.2	22.0	21.0	29.9
28	20.9	18.7	17.1	16.1	13.6	12.5	13.2	15.1	19.0	21.6	24.0	26.2	27.8	28.8	29.5	30.6	30.4	30.1	29.2	27.8	25.9	23.9	23.0	22.2	22.8	30.6
29	21.4	21.2	19.0	17.1	15.0	13.3	14.6	16.7	20.3	23.7	27.7	28.7	29.4	30.3	31.1	31.1	31.0	30.7	29.6	28.2	25.9	24.6	23.1	22.6	24.0	31.1
30	22.4	20.7	18.7	16.2	14.8	13.2	14.1	16.1	19.9	23.1	26.4	29.6	31.6	32.2	32.5	32.9	32.8	32.6	32.1	30.4	28.2	25.4	23.5	23.5	24.7	32.9
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	14.4	13.6	12.9	12.0	11.2	10.8	11.5	13.2	15.6	17.5	19.1	20.4	21.3	22.2	22.3	22.2	22.3	22.0	21.5	20.1	18.6	17.5	16.6	15.7	17.3	[ ]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	19.8	17.6	15.9	14.1	13.3	13.2	14.8	16.8	20.5	23.4	26.5	30.7	33.1	33.6	34.0	34.1	34.2	33.9	33.3	31.8	30.2	27.3	26.0	22.3	25.0	34.2
2	21.1	20.7	19.3	18.4	18.6	18.1	17.6	20.1	23.7	25.9	28.5	30.5	32.2	32.4	31.7	32.1	32.4	32.0	29.6	28.7	27.2	26.1	25.5	24.6	25.7	32.4
3	23.3	22.3	20.4	20.5	19.8	20.2	21.9	24.2	26.0	27.6	27.9	28.9	29.8	29.3	28.8	29.2	29.8	29.7	28.4	24.8	23.3	22.2	20.6	20.3	25.0	29.8
4	19.3	19.3	18.2	17.1	17.0	15.9	16.5	19.0	21.3	23.3	24.0	25.8	27.1	28.8	28.3	28.8	29.8	29.7	27.9	27.3	26.4	25.4	24.4	23.1	23.5	29.8
5	21.4	20.5	20.1	19.9	19.0	18.3	18.4	20.2	21.7	22.9	24.3	26.1	27.7	28.6	29.0	29.2	29.8	29.8	28.9	27.8	23.8	23.4	22.4	21.7	24.0	29.8
6	20.6	19.2	18.5	17.2	16.7	16.0	17.6	19.9	21.8	23.9	25.5	26.7	28.0	29.6	30.4	31.3	31.3	31.2	30.3	29.3	27.9	26.7	26.2	24.2	24.6	31.3
7	22.6	21.0	20.3	19.4	18.0	17.1	18.2	20.2	23.7	26.5	28.8	30.3	31.8	32.9	33.4	33.5	33.0	32.3	31.8	31.1	29.0	27.3	25.4	25.1	26.4	33.5
8	24.6	23.7	23.1	22.5	21.4	20.5	21.2	22.3	23.9	25.5	27.3	28.4	30.7	31.7	31.7	27.2	23.3	22.8	23.6	24.0	23.1	23.0	22.3	20.8	24.5	31.7
9	20.2	20.9	21.8	21.3	21.3	20.6	21.2	21.9	23.7	25.7	26.9	27.9	29.2	29.2	28.4	29.1	29.1	28.9	27.2	24.2	23.0	22.3	21.0	20.1	24.4	29.2
10	19.2	18.5	17.9	17.4	16.5	16.8	18.7	20.3	22.2	23.9	25.6	27.1	28.6	29.7	30.5	30.1	30.1	29.9	28.8	27.7	27.3	26.3	25.1	24.0	24.3	30.5
11	23.6	21.9	20.8	19.4	18.3	17.1	17.9	19.9	22.6	24.7	26.7	28.0	28.8	29.4	29.7	29.9	29.7	28.6	27.2	27.6	25.3	25.1	24.3	23.4	24.6	29.9
12	22.4	21.7	20.6	19.6	18.9	18.1	18.4	19.3	21.7	23.2	24.7	26.6	27.9	28.5	29.2	30.0	29.6	29.7	28.7	26.3	25.4	24.2	23.3	22.4	24.2	30.0
13	22.0	21.8	21.7	21.2	21.1	20.9	20.7	22.7	24.7	25.8	27.1	25.2	23.4	26.9	25.4	26.7	27.1	26.4	25.7	23.9	23.3	22.1	21.0	20.1	23.6	27.1
14	19.3	18.0	17.0	16.5	15.4	15.1	16.0	18.8	21.1	23.8	25.7	27.9	29.3	30.4	30.2	30.0	31.1	31.0	28.6	26.4	25.5	24.0	23.1	22.8	23.6	31.1
15	22.2	21.7	20.7	18.7	18.8	18.6	17.7	18.7	23.7	26.1	27.2	25.8	24.7	22.3	25.1	24.1	22.8	22.8	23.2	21.8	21.9	20.7	20.1	19.1	22.0	27.2
16	19.2	19.3	19.5	18.8	17.2	16.7	17.2	18.0	18.0	17.7	19.1	18.2	18.2	20.2	22.9	21.1	15.6	14.5	15.5	16.0	15.7	15.6	15.1	14.9	17.7	22.9
17	14.4	13.4	13.4	12.2	12.0	11.8	12.9	14.1	16.3	18.8	20.9	22.6	24.9	27.4	27.8	28.0	27.7	26.8	27.1	25.8	24.7	23.0	21.7	21.2	20.4	28.0
18	21.4	21.1	19.7	18.4	17.2	16.2	16.6	19.4	23.8	25.7	27.0	27.8	29.0	29.4	30.6	31.2	31.3	30.8	30.0	28.8	27.5	25.7	24.0	23.1	24.8	31.3
19	21.4	20.0	19.6	17.8	16.8	16.3	16.9	18.9	22.1	24.7	27.0	28.5	30.5	31.0	31.8	32.1	32.2	32.2	31.8	30.4	28.1	27.3	26.3	25.4	25.4	32.2
20	24.3	22.3	21.6	20.4	18.8	18.1	17.4	18.0	21.0	24.0	26.6	28.4	30.4	30.1	30.6	32.0	31.5	30.6	30.2	28.6	26.9	25.8	24.2	23.1	25.2	32.0
21	22.6	22.6	21.8	20.0	18.7	18.2	19.0	19.1	21.0	23.3	26.2	27.1	29.2	30.7	30.4	24.9	24.5	23.7	25.1	23.6	22.0	20.9	19.2	19.0	23.0	30.7
22	17.3	16.6	15.8	16.0	15.6	16.2	16.3	19.3	21.3	23.8	25.7	27.4	29.3	30.8	31.9	32.4	32.2	31.5	31.1	29.3	27.8	26.5	25.4	24.8	24.3	32.4
23	23.7	22.0	20.5	18.2	17.4	16.9	17.4	19.1	22.3	24.7	27.1	28.5	29.7	30.4	31.0	31.6	31.5	30.5	30.4	28.9	26.5	26.5	25.2	22.9	25.1	31.6
24	22.3	20.5	19.0	17.7	16.8	15.9	16.7	18.3	21.7	24.7	26.7	28.3	29.6	30.6	31.1	31.5	31.2	31.3	30.7	28.8	27.0	25.9	24.4	22.3	24.7	31.5
25	21.6	19.8	18.4	17.4	16.0	15.5	16.0	18.5	21.8	10.9	(MT)	(MT)	(MT)	24.2	31.7	31.8	31.7	30.8	30.9	29.4	27.8	26.5	24.7	23.0	23.3	31.8
26	25.1	20.5	19.7	18.2	16.6	16.0	16.4	18.7	21.9	25.0	27.1	28.8	30.3	31.5	31.7	32.5	32.6	32.2	30.8	29.7	27.9	26.9	24.5	23.2	25.3	32.6
27	21.6	20.9	19.4	18.9	17.1	16.9	17.0	19.0	22.6	25.2	27.9	29.4	30.8	31.5	31.5	31.9	32.4	32.0	31.5	30.2	28.1	26.9	25.4	24.7	25.5	32.4
28	24.2	23.0	21.5	20.6	20.1	18.4	20.6	20.9	23.6	27.0	29.4	(MT)	31.4	31.5	31.9	32.5	31.6	31.4	30.2	29.1	28.2	26.6	25.6	25.0	26.3	32.5
29	24.6	24.2	23.2	23.5	22.8	22.0	22.6	23.5	23.9	24.4	25.4	26.2	21.3	21.7	23.6	26.2	24.1	20.1	20.0	17.5	17.0	16.9	16.9	17.5	22.0	26.2
30	16.6	16.8	16.7	15.0	15.7	16.0	15.6	16.1	18.0	21.4	22.9	23.4	22.4	21.3	23.7	25.2	27.8	27.2	25.9	24.6	23.1	21.6	21.2	21.0	20.8	27.8
31	20.7	21.2	20.5	19.0	17.6	16.6	16.9	18.0	19.2	21.1	23.2	23.9	24.7	25.6	25.3	26.0	26.2	25.6	21.7	19.1	19.2	19.5	17.9	17.2	21.1	26.2
AV	21.4	20.4	19.6	18.6	17.8	17.2	17.8	19.5	22.0	23.7	26.0	27.0	28.1	28.7	29.5	29.6	29.3	28.7	27.9	26.5	25.2	24.1	23.0	22.0	23.9	( )

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.6	.6	1.0	.6	.7	.9	.3	-.1	-.2	-.4	-.4	-.5	-.3	-.3	-.2	-.2	-.1	-.1	-.1	.8	1.1	.7	.6	.6	.2	1.1
2	.8	.6	.7	.9	1.1	.8	.4	.0	-.2	-.5	-.6	-.4	-.4	-.3	-.2	-.2	-.1	-.1	.1	1.3	.0	.0	.2	.3	.2	1.3
3	.4	.9	.8	.7	.9	.8	.4	.0	-.1	-.4	-.5	-.3	-.2	-.2	-.2	-.2	-.1	-.1	-.1	.1	.2	.1	.1	.3	.1	.9
4	.4	.4	.8	.6	.6	.3	-.1	-.1	-.3	-.8	-.3	-.4	-.4	-.3	-.3	-.3	-.2	-.5	-.2	.0	-.1	-.1	-.1	.0	-.1	.8
5	.0	.0	.0	.0	.1	.1	.4	.7	.7	.3	.4	.1	.0	.0	.2	.1	.0	.0	.0	.0	.2	.2	.1	.3	.2	.7
6	.3	.4	.4	.3	.3	.3	.2	.2	.2	-.1	-.3	-.4	-.3	-.2	-.2	-.2	-.2	-.1	-.1	.0	.0	-.1	-.1	-.1	.0	.4
7	.0	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.3	-.3	-.2	-.3	-.2	-.2	-.1	-.1	-.1	.0	-.1	-.1	.0	.0	-.1	.0
8	.7	.8	.3	.6	.5	.8	.5	.3	-.2	-.4	-.4	-.1	-.2	-.2	-.1	-.2	-.1	-.1	.0	.3	.4	.1	1.3	1.1	.2	1.3
9	.9	.7	1.2	.8	.7	.7	.0	.0	-.1	-.4	-.4	-.3	-.3	-.2	-.1	-.2	.0	-.1	.3	1.1	.8	.8	.8	.6	.3	1.2
10	.7	1.2	.9	.8	.6	.7	.2	.1	-.1	-.4	-.5	-.4	-.3	-.2	-.1	-.1	-.1	.0	.1	1.9	1.4	1.5	1.9	1.4	.5	1.9
11	.7	.8	.9	.7	1.0	.6	.4	.2	-.1	-.3	-.5	-.4	-.2	-.2	-.1	-.2	-.1	.0	.0	.0	.3	.2	.0	-.1	.2	1.0
12	-.1	.0	-.1	-.1	.0	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	.0	.1	.1	.0	.3	-.1	.3
13	.1	.5	1.0	.6	.9	.5	.0	-.1	-.2	-.4	-.4	-.5	-.2	-.2	-.2	-.2	-.1	-.1	.0	1.5	1.4	.9	.7	1.1	.3	1.5
14	.9	.9	.7	1.0	.9	1.0	.3	.1	-.1	-.4	-.4	-.4	-.3	-.2	-.1	.0	.0	.0	.0	1.7	.8	.7	.9	1.0	.4	1.7
15	1.4	.9	1.3	1.2	1.3	1.0	.4	.3	-.1	-.4	-.5	-.5	-.1	-.1	-.1	.0	-.1	-.1	-.1	.2	.3	.4	.7	1.5	.4	1.5
16	.6	1.1	.8	.8	1.5	1.3	.8	.1	-.1	-.2	-.1	-.1	-.1	-.1	-.2	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.2	1.5
17	.3	.4	.8	.4	.4	.6	.0	.0	-.2	-.5	-.3	-.3	-.2	-.1	-.2	-2.2	-4.1	-4.0	-3.8	-3.7	-3.8	-3.8	-3.8	-3.7	-1.3	.8
18	-2.4	-3.3	-3.0	-2.7	-2.9	-3.3	-2.6	-3.0	-3.9	-3.9	-3.9	-4.0	-3.9	-3.9	-3.9	-3.8	-3.8	-3.8	-3.9	-3.9	-3.8	-3.7	-3.7	-4.0	-3.5	-2.4
19	-3.6	-3.4	-3.4	-3.3	-3.3	-3.4	-3.3	-2.4	-3.2	-3.8	-3.8	-3.7	-3.8	-3.9	-3.8	-3.8	-4.0	-3.9	-3.8	-3.8	-3.8	-4.0	-4.0	-4.0	-3.6	-2.4
20	-3.9	-4.1	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.2	-4.5	-4.2	-4.1	-4.0	-3.9	-4.1	-4.0	-4.0	-4.1	-4.1	-4.1	-4.2	-4.1	-4.1	-4.0	-4.1	-3.9
21	-3.9	-3.9	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	-4.8	-4.2	-3.9	-3.9	-3.9	-3.8	-3.7	-3.7	-3.6	-3.6	-3.6	-3.6	-3.7	-3.6	-3.5	-3.8	-3.5
22	-3.5	-3.4	-3.4	-3.5	-3.6	-3.5	-3.9	-3.9	-4.0	-3.9	-3.7	-3.5	-3.6	-3.8	-3.8	-4.0	-3.9	-3.9	-3.8	-3.8	-3.6	-3.2	-3.5	-3.6	-3.7	-3.2
23	-3.6	-3.5	-3.4	-3.5	-3.5	-3.4	-3.8	-3.9	-3.9	-4.1	-3.8	-3.5	-3.4	-3.8	-3.8	-3.9	-3.8	-3.8	-3.8	-3.7	-3.6	-3.5	-3.4	-3.6	-3.7	-3.4
24	-3.6	-3.6	-3.7	-3.5	-2.5	-2.9	-3.3	-3.9	-3.9	-4.1	-4.1	-3.8	-3.7	-3.8	-3.7	-3.7	-3.6	-3.6	-3.6	-3.6	-3.6	-3.5	-3.6	-3.7	-3.6	-2.5
25	-3.4	-3.5	-3.7	-3.8	-3.8	-3.8	-3.9	-3.9	-4.0	-4.2	-4.2	-4.0	-4.0	-4.0	-4.0	-4.0	-3.9	-3.9	-3.8	-3.0	-2.6	-3.4	-3.8	-3.8	-3.8	-2.6
26	-3.7	-3.4	-2.6	-3.2	-3.2	-3.2	-3.8	-4.0	-4.0	-4.2	-4.3	-3.9	-3.9	-3.8	-3.9	-3.8	-3.8	-3.7	-3.5	-2.6	-2.9	-3.2	-3.4	-3.6	-3.6	-2.6
27	-3.7	-3.8	-3.8	-3.7	-3.6	-3.6	-3.8	-3.8	-3.8	-4.0	-3.9	-3.8	-3.8	-3.8	-3.7	-3.7	-3.8	-3.8	-3.8	-3.8	-3.9	-3.9	-3.9	-3.9	-3.8	-3.6
28	-3.8	-3.9	-3.9	-3.9	-3.9	-3.8	-3.8	-3.8	-3.8	-3.8	-3.9	-3.9	-3.9	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.8
29	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.8	-3.8	-3.8	-3.7	-3.8	-3.7	-3.7	-3.7	-3.7	-3.6	-3.0	-3.2	-2.4	-2.8	-3.7	-2.4
30	-2.6	-3.0	-3.4	-3.4	-3.2	-3.6	-3.9	-3.9	-3.8	-4.1	-4.1	-3.8	-3.7	-3.9	-3.7	-3.7	-3.6	-3.6	-3.5	-2.5	-2.8	-2.5	-3.1	-3.1	-3.4	-2.5
31	-3.0	-2.9	-3.3	-2.9	-3.0	-3.5	-3.8	-3.8	-3.8	-3.9	-3.8	-3.7	-3.7	-3.7	-3.6	-3.7	-3.7	-3.6	-3.7	-3.6	-3.6	-3.4	-3.1	-3.1	-3.5	-2.9
AV	-1.3	-1.3	-1.1	-1.2	-1.1	-1.2	-1.5	-1.6	-1.7	-2.0	-2.0	-1.9	-1.8	-1.8	-1.8	-1.9	-1.9	-1.9	-1.8	-1.4	-1.5	-1.5	-1.5	-1.5	-1.6	( )

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-3.3	-2.8	-3.0	-3.3	-3.2	-3.4	-3.6	-3.8	-3.9	-4.2	-3.9	-3.7	-3.8	-3.8	-3.6	-3.6	-3.6	-3.6	-3.5	-2.5	-1.6	-2.9	-2.9	-2.8	-3.3	-1.6
2	-2.6	-2.4	-3.1	-2.8	-2.9	-3.2	-3.4	-3.7	-3.7	-3.8	-3.8	-3.7	-3.6	-3.6	-3.4	-3.1	-3.4	-3.3	-3.0	-3.1	-3.0	-2.6	-2.6	-3.1	-3.2	-2.4
3	-2.9	-2.9	-2.8	-2.3	-2.9	-2.7	-3.3	-3.7	-3.7	-4.0	-3.9	-3.6	-3.5	-3.5	-3.4	-3.5	-3.6	-3.6	-3.6	-3.6	-3.7	-3.7	-3.7	-3.7	-3.4	-2.3
4	-3.3	-3.4	-3.6	-3.4	-3.5	-3.6	-3.8	-3.9	-3.8	-3.9	-3.9	-3.8	-3.8	-3.7	-3.8	-3.6	-3.7	-3.6	-3.4	-2.6	-2.3	-2.4	-3.1	-3.1	-3.5	-2.3
5	-2.5	-2.6	-2.9	-2.9	-3.0	-3.2	-3.7	-3.7	-3.8	-3.9	-3.9	-3.7	-3.6	-3.6	-3.6	-3.6	-3.5	-3.4	-3.4	-2.1	-1.6	-2.5	-2.5	-2.9	-3.2	-1.6
6	-2.5	-2.9	-2.3	-2.3	-2.7	-2.9	-3.3	-3.6	-3.7	-3.9	-3.8	-3.6	-3.5	-3.5	-3.5	-3.5	-3.4	-3.4	-3.1	-1.3	-1.4	-2.1	-2.5	-2.7	-3.0	-1.3
7	-2.4	-2.6	-2.8	-2.9	-2.7	-3.2	-3.2	-3.4	-3.6	-3.8	-3.7	-3.7	-3.6	-3.6	-3.7	-3.6	-3.5	-3.6	-3.7	-3.7	-3.6	-3.6	-3.7	-3.6	-3.4	-2.4
8	-3.6	-3.7	-3.7	-3.6	-3.7	-3.6	-3.8	-3.8	-3.8	-3.8	-3.8	-3.7	-3.8	-3.7	-3.7	-3.7	-3.6	-3.6	-3.6	-3.5	-3.6	-3.2	-3.3	-2.9	-3.6	-2.9
9	-2.8	-2.6	-3.2	-2.9	-3.1	-3.3	-3.9	-3.8	-3.9	-4.0	-3.9	-3.8	-3.9	-3.7	-3.8	-3.8	-3.8	-3.9	-3.9	-3.7	-3.4	-3.0	-3.7	-3.8	-3.6	-2.6
10	-3.5	-3.6	-3.8	-3.8	-3.8	-3.9	-3.9	-3.8	-3.9	-4.0	-4.0	-3.9	-3.8	-3.8	-3.7	-3.7	-3.8	-3.7	-3.7	-3.7	-3.6	-3.7	-3.6	-3.4	-3.8	-3.4
11	-3.6	-3.5	-3.2	-3.2	-3.1	-3.3	-3.8	-3.7	-3.9	-4.1	-4.1	-3.8	-3.9	-3.8	-3.7	-3.6	-3.6	-3.7	-3.5	-3.1	-3.4	-3.5	-3.6	-3.6	-3.6	-3.1
12	-3.5	-3.5	-3.1	-2.6	-2.7	-2.2	-3.5	-3.6	-3.7	-3.9	-3.9	-3.6	-3.6	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	-3.4	-3.3	-3.4	-3.4	-3.3	-3.4	-2.2
13	-2.9	-2.7	-2.5	-2.8	-2.3	-3.1	-3.6	-3.7	-3.7	-3.9	-3.9	-3.5	-3.4	-3.5	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.3	-3.3	-3.1	-3.1	-3.3	-2.3
14	-3.4	-3.2	-3.4	-3.5	-3.6	-3.1	-3.5	-3.5	-3.6	-3.8	-3.8	-3.6	-3.6	-3.5	-3.5	-3.4	-3.4	-3.4	-3.4	-3.4	-3.5	-3.5	-3.4	-2.8	-3.4	-2.8
15	-2.4	-2.7	-3.0	-2.9	-2.7	-3.0	-3.3	-3.7	-3.6	-3.8	-3.8	-3.5	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.3	-3.2	-3.2	-3.3	-3.1	-3.3	-2.4
16	-3.1	-2.9	-3.2	-3.0	-2.3	-2.1	-2.9	-3.3	-3.6	-3.7	-3.7	-3.5	-3.5	-3.4	-3.3	-3.3	-3.4	-3.4	-3.5	-3.5	-3.4	-3.5	-2.9	-2.9	-3.2	-2.1
17	-3.0	-3.2	-3.3	-3.3	-3.2	-3.3	-3.5	-3.7	-3.6	-3.6	-3.7	-3.7	-3.7	-3.6	-3.6	-3.7	-3.5	-3.5	-3.5	-3.5	-3.5	-3.6	-3.6	-3.4	-3.5	-3.0
18	-3.5	-3.4	-3.6	-3.7	-3.8	-3.8	-3.9	-3.8	-3.8	-3.9	-3.9	-3.9	-3.9	-3.9	-3.8	-3.8	-3.9	-3.8	-3.8	-3.8	-3.9	-3.8	-3.6	-3.4	-3.8	-3.4
19	-3.2	-3.3	-3.7	-3.4	-3.5	-3.5	-2.3	-3.6	-3.8	-3.9	-3.8	-3.7	-3.7	-3.7	-3.7	-3.7	-3.8	-3.8	-3.8	-3.8	-3.1	-3.1	-3.4	-3.3	-3.5	-2.3
20	-3.1	-3.3	-3.2	-3.3	-3.0	-3.4	-3.8	-4.0	-3.9	-3.9	-3.9	-3.8	-3.8	-3.8	-3.7	-3.9	-3.9	-3.8	-3.9	-3.9	-3.2	-3.2	-2.9	-3.5	-3.6	-2.9
21	-3.1	-3.3	-3.2	-3.3	-3.6	-3.6	-3.9	-3.9	-4.0	-4.0	-4.1	-3.9	-3.9	-3.8	-3.6	-3.6	-3.7	-3.6	-3.7	-3.3	-2.3	-2.7	-3.2	-3.4	-3.5	-2.3
22	-3.0	-2.7	-2.5	-3.0	-2.8	-3.2	-3.5	-3.8	-3.9	-3.9	-4.0	-3.8	-3.7	-3.7	-3.7	-3.6	-3.6	-3.5	-3.5	-3.4	-3.2	-3.1	-3.4	-3.4	-3.4	-2.5
23	-3.2	-2.8	-2.8	-2.9	-2.7	-3.2	-3.6	-3.8	-3.7	-3.9	-3.9	-3.7	-3.4	-3.4	-3.5	-3.5	-3.5	-3.4	-3.2	-2.3	-1.7	-2.2	-1.6	-2.2	-3.1	-1.6
24	-2.5	-2.0	-2.7	-2.9	-2.7	-3.0	-3.1	-3.6	-3.3	-3.6	-3.8	-3.8	-3.8	-3.9	-3.6	-3.7	-3.7	-3.4	-3.4	-3.3	-2.8	-2.8	-2.3	-2.3	-3.2	-2.0
25	-1.8	-2.9	-3.2	-3.3	-3.4	-3.4	-3.5	-3.5	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.6	-3.7	-3.6	-3.7	-3.7	-3.7	-3.7	-3.7	-3.4	-3.5	-1.8
26	-3.0	-2.7	-3.0	-3.2	-2.9	-3.3	-3.8	-3.9	-3.9	-4.1	-4.1	-3.9	-3.9	-3.8	-3.7	-3.8	-3.6	-3.6	-3.6	-2.7	-1.7	-2.6	-3.0	-2.5	-3.3	-1.7
27	-2.2	-2.4	-2.6	-2.8	-2.9	-2.7	-3.3	-3.6	-3.7	-3.9	-3.9	-3.5	-3.5	-3.5	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.2	-3.0	-3.2	-3.3	-3.2	-2.2
28	-3.1	-2.7	-1.9	-2.3	-2.8	-2.6	-3.2	-3.6	-3.6	-3.9	-3.9	-3.7	-3.5	-3.5	-3.4	-3.4	-3.4	-3.3	-3.3	-3.2	-3.2	-2.8	-2.9	-3.2	-3.2	-1.9
29	-3.1	-2.8	-2.3	-1.8	-2.2	-2.4	-3.0	-3.4	-3.6	-3.8	-3.7	-3.5	-3.5	-3.4	-3.5	-3.4	-3.3	-3.3	-3.3	-3.1	-3.0	-3.0	-3.0	-3.2	-3.1	-1.8
30	-3.2	-2.9	-1.9	-2.0	-2.4	-2.1	-2.8	-3.6	-3.6	-3.8	-3.8	-3.5	-3.5	-3.5	-3.5	-3.4	-3.3	-3.3	-3.2	-2.9	-2.7	-2.8	-2.7	-2.7	-3.0	-1.9
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	-3.0	-2.9	-3.0	-3.0	-3.0	-3.1	-3.5	-3.7	-3.7	-3.9	-3.9	-3.7	-3.7	-3.6	-3.6	-3.6	-3.6	-3.5	-3.5	-3.2	-3.0	-3.1	-3.1	-3.1	-3.4	[ ]

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-1.5	-2.3	-2.1	-1.7	-2.2	-2.0	-3.0	-3.5	-3.8	-3.8	-3.8	-3.5	-3.5	-3.4	-3.5	-3.3	-3.3	-3.3	-3.2	-3.2	-3.2	-2.7	-2.6	-2.1	-2.9	-1.5
2	-2.6	-1.9	-2.3	-2.2	-2.3	-2.3	-2.2	-3.3	-3.6	-3.8	-3.8	-3.7	-3.5	-3.5	-3.3	-3.3	-3.4	-3.3	-3.3	-3.2	-3.3	-3.3	-3.3	-3.3	-3.1	-1.9
3	-3.3	-3.2	-2.5	-2.5	-2.5	-2.6	-3.5	-3.5	-3.7	-3.8	-3.7	-3.7	-3.6	-3.4	-3.5	-3.5	-3.4	-3.4	-3.3	-3.2	-3.3	-2.9	-2.5	-2.3	-3.2	-2.3
4	-3.0	-2.7	-2.8	-2.6	-2.7	-3.0	-3.4	-3.6	-3.5	-3.6	-3.5	-3.6	-3.6	-3.4	-3.5	-3.5	-3.4	-3.4	-3.4	-3.3	-3.3	-3.3	-3.3	-3.1	-3.3	-2.6
5	-2.8	-2.9	-3.2	-3.4	-3.2	-3.2	-3.4	-3.6	-3.6	-3.6	-3.6	-3.6	-3.7	-3.6	-3.5	-3.4	-3.5	-3.5	-3.3	-3.2	-3.5	-3.5	-3.5	-3.3	-3.4	-2.8
6	-3.1	-2.8	-2.7	-2.4	-2.9	-3.1	-3.6	-3.6	-3.7	-3.9	-3.9	-3.7	-3.6	-3.7	-3.5	-3.6	-3.4	-3.4	-3.3	-3.2	-2.7	-2.5	-3.1	-2.8	-3.3	-2.4
7	-2.9	-2.7	-2.8	-2.6	-2.9	-2.9	-3.4	-3.5	-3.5	-3.7	-3.8	-3.6	-3.5	-3.5	-3.6	-3.4	-3.3	-3.3	-3.3	-3.2	-2.8	-3.1	-2.9	-3.2	-3.2	-2.6
8	-3.3	-3.3	-3.3	-3.1	-3.0	-3.1	-3.5	-3.6	-3.6	-3.7	-3.8	-3.5	-3.6	-3.6	-3.4	-2.9	-3.0	-3.2	-2.7	-3.1	-3.0	-2.8	-2.5	-2.7	-3.2	-2.5
9	-2.8	-2.6	-2.9	-3.1	-3.3	-3.0	-3.4	-3.5	-3.5	-3.6	-3.8	-3.6	-3.7	-3.7	-3.5	-3.5	-3.4	-3.4	-3.4	-3.4	-3.2	-3.0	-3.4	-3.2	-3.3	-2.6
10	-2.9	-3.0	-3.1	-3.0	-2.9	-2.7	-3.5	-3.5	-3.6	-3.7	-3.8	-3.6	-3.7	-3.6	-3.6	-3.4	-3.4	-3.3	-3.3	-3.2	-3.2	-3.1	-2.8	-2.9	-3.3	-2.7
11	-3.1	-2.6	-2.1	-2.8	-2.4	-2.9	-3.4	-3.5	-3.7	-3.7	-3.8	-3.6	-3.5	-3.5	-3.5	-3.5	-3.4	-3.4	-3.4	-3.3	-3.3	-3.3	-3.2	-2.8	-3.2	-2.1
12	-2.6	-2.9	-2.9	-2.5	-2.6	-2.7	-3.4	-3.6	-3.8	-3.7	-3.6	-3.5	-3.6	-3.4	-3.5	-3.6	-3.5	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.3	-2.5
13	-3.3	-3.3	-3.3	-3.2	-3.4	-3.3	-3.4	-3.5	-3.6	-3.6	-3.7	-3.5	-3.1	-3.6	-3.5	-3.5	-3.5	-3.4	-3.4	-3.4	-3.3	-3.0	-3.0	-2.7	-3.4	-2.7
14	-3.1	-3.1	-2.8	-2.7	-3.1	-2.8	-3.6	-3.7	-3.7	-3.9	-3.9	-3.6	-3.6	-3.6	-3.4	-3.4	-3.4	-3.4	-3.4	-3.4	-3.1	-3.0	-3.1	-3.3	-3.3	-2.7
15	-3.4	-3.4	-3.2	-2.6	-2.5	-2.8	-2.6	-3.1	-3.5	-3.5	-3.6	-3.3	-3.4	-3.3	-3.4	-3.4	-3.0	-3.0	-3.2	-2.7	-3.0	-2.9	-3.1	-2.7	-3.1	-2.5
16	-3.1	-3.2	-3.3	-3.2	-3.1	-3.0	-3.4	-3.5	-3.1	-3.5	-3.7	-3.5	-3.6	-3.5	-3.6	-3.5	-3.6	-3.7	-3.6	-3.4	-3.5	-3.4	-3.2	-2.9	-3.4	-2.9
17	-3.2	-3.0	-3.0	-3.2	-3.3	-3.5	-3.6	-3.7	-3.7	-3.9	-4.1	-3.7	-3.7	-3.6	-3.5	-3.6	-3.5	-3.4	-3.4	-2.9	-2.8	-3.0	-3.1	-3.1	-3.4	-2.8
18	-3.0	-3.0	-2.8	-2.1	-2.3	-2.3	-3.0	-3.0	-3.5	-3.8	-3.9	-3.5	-3.5	-3.5	-3.4	-3.5	-3.4	-3.3	-3.2	-2.8	-2.9	-2.8	-3.2	-2.9	-3.1	-2.1
19	-2.7	-2.6	-2.3	-2.3	-2.7	-2.8	-3.5	-3.5	-3.7	-3.7	-3.8	-3.6	-3.6	-3.3	-3.4	-3.3	-3.3	-3.3	-3.2	-2.9	-2.1	-2.6	-2.5	-2.8	-3.1	-2.1
20	-2.8	-1.9	-2.2	-2.8	-2.9	-2.8	-3.0	-3.4	-3.6	-3.8	-3.8	-3.5	-3.6	-3.4	-3.4	-3.4	-3.3	-3.4	-3.3	-3.0	-3.0	-3.2	-3.1	-3.1	-3.2	-1.9
21	-2.9	-3.3	-3.1	-2.8	-2.8	-2.8	-3.4	-3.5	-3.6	-3.6	-3.8	-3.5	-3.4	-3.4	-3.3	-3.5	-3.3	-3.4	-3.3	-3.0	-3.0	-3.0	-2.2	-2.5	-3.2	-2.2
22	-2.1	-2.6	-2.6	-2.4	-3.0	-2.9	-3.2	-3.5	-3.6	-3.7	-3.8	-3.6	-3.6	-3.5	-3.5	-3.5	-3.4	-3.3	-3.3	-3.0	-2.9	-3.1	-2.8	-2.7	-3.2	-2.1
23	-3.1	-2.9	-2.6	-2.3	-2.8	-3.0	-3.3	-3.5	-3.5	-3.7	-3.8	-3.5	-3.6	-3.3	-3.4	-3.4	-3.3	-3.3	-3.3	-2.8	-1.7	-2.5	-2.6	-2.4	-3.1	-1.7
24	-2.4	-2.7	-2.6	-2.7	-2.7	-2.8	-3.3	-3.5	-3.5	-3.7	-3.7	-3.4	-3.5	-3.5	-3.3	-3.5	-3.4	-3.3	-3.2	-2.9	-2.4	-2.0	-1.7	-2.3	-3.0	-1.7
25	-2.7	-2.6	-3.0	-1.9	-2.9	-2.4	-3.4	-3.3	-3.5	-3.9	[MT]	[MT]	[MT]	-3.8	-3.7	-3.6	-3.6	-3.5	-3.5	-3.1	-3.2	-3.4	-3.5	-3.0	-3.2	-1.9
26	-3.4	-2.6	-2.4	-2.8	-2.4	-3.1	-2.9	-3.7	-3.8	-3.9	-3.9	-3.8	-3.8	-3.8	-3.6	-3.5	-3.6	-3.5	-3.5	-3.3	-2.7	-2.9	-3.5	-3.5	-3.3	-2.4
27	-2.5	-2.6	-2.6	-3.0	-2.7	-2.9	-3.6	-3.7	-3.7	-3.8	-3.9	-3.7	-3.7	-3.7	-3.6	-3.6	-3.7	-3.6	-3.5	-3.4	-3.3	-3.4	-3.4	-3.5	-3.4	-2.5
28	-3.4	-3.2	-2.7	-2.5	-2.1	-2.4	-2.8	-3.1	-3.5	-3.9	-4.0	[MT]	-4.1	-3.4	-3.2	-3.3	-3.1	-3.1	-3.0	-3.0	-3.0	-3.1	-2.9	-3.0	-3.1	-2.1
29	-3.0	-2.9	-3.0	-3.1	-3.1	-2.8	-3.0	-3.2	-3.2	-3.2	-3.3	-3.3	-2.8	-3.1	-3.1	-3.3	-3.1	-3.2	-3.2	-3.2	-3.1	-2.9	-2.9	-2.9	-3.1	-2.8
30	-2.5	-2.6	-2.8	-2.2	-2.5	-2.4	-2.9	-3.0	-3.2	-3.4	-3.5	-3.4	-3.2	-3.3	-3.3	-3.3	-3.3	-3.1	-3.0	-2.7	-2.8	-2.9	-2.8	-2.8	-3.0	-2.2
31	-2.9	-3.1	-3.0	-3.1	-2.9	-2.6	-3.1	-3.3	-3.4	-3.5	-3.5	-3.4	-3.4	-3.4	-3.2	-3.2	-3.2	-3.1	-3.1	-3.0	-2.9	-2.9	-2.7	-2.3	-3.1	-2.3
AV	-2.9	-2.8	-2.8	-2.7	-2.8	-2.8	-3.2	-3.5	-3.6	-3.7	-3.8	-3.6	-3.5	-3.5	-3.4	-3.4	-3.4	-3.3	-3.3	-3.1	-3.0	-3.0	-3.0	-2.9	-3.2	[ ]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	19	28	27	26	26	25	23	17	12	15	17	19	20	21	20	24	24	21	22	23	23	29	28	26	22	29
2	25	22	25	24	27	27	22	20	18	19	20	20	23	24	25	25	25	24	21	21	21	21	21	25	23	27
3	25	25	24	23	22	25	21	20	20	20	20	22	23	23	24	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	22	25
4	39	37	36	25	20	17	30	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	25	21	22	28	27	39
5	21	20	20	19	18	18	19	18	20	20	20	19	20	19	10	13	16	18	18	21	17	16	16	16	18	21
6	16	15	15	17	17	18	18	19	18	16	15	15	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	36	25	25	(OS)	(OS)	(OS)	19	36
7	(OS)	(OS)	(OS)	(OS)	(OS)	40	32	42	(OS)	(OS)	36	(OS)	(OS)	44	(OS)	(OS)	(OS)	(OS)	30	30	26	28	30	31	34	44
8	32	34	33	33	33	33	32	32	31	29	27	23	24	28	25	24	22	21	27	31	30	29	28	26	29	34
9	24	22	21	19	19	16	14	12	11	12	15	17	18	18	18	18	18	18	18	17	19	19	19	19	18	24
10	19	19	19	19	19	18	12	12	14	17	17	20	22	22	21	19	18	18	13	9	10	10	10	10	16	22
11	10	10	11	11	11	11	12	12	12	12	15	18	21	23	24	28	30	(OS)	(OS)	(OS)	(OS)	(OS)	19	18	16	30
12	21	22	22	22	23	23	23	23	19	19	11	14	12	8	9	9	8	7	6	7	10	10	15	21	15	23
13	20	20	22	23	20	21	11	12	11	13	15	17	16	17	16	11	15	12	7	5	4	5	9	11	14	23
14	12	16	22	21	19	16	14	12	9	11	14	15	13	14	12	11	11	11	9	5	4	5	5	5	12	22
15	6	5	7	9	13	15	16	12	10	10	12	12	13	12	18	19	18	16	14	13	(OS)	(OS)	(OS)	(OS)	13	19
16	(OS)	22	20	16	16	16	16	17	17	(OS)	(OS)	19	19	13	8	9	8	28	15	18	18	18	12	10	16	28
17	10	14	18	17	19	19	18	17	13	15	18	17	16	18	18	22	17	20	18	15	13	13	15	18	17	22
18	20	20	23	18	19	19	18	18	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	10	8	6	6	13	20	29	16	29
19	31	(OS)	(OS)	(OS)	(OS)	(OS)	13	13	15	21	18	18	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	22	19	9	9	17	31
20	22	22	21	22	21	8	8	9	12	14	18	22	22	22	23	12	19	21	21	21	23	15	5	9	17	23
21	10	10	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	36	36	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	19	20	(OS)	22	36
22	(OS)	21	20	19	18	16	13	9	9	12	14	16	17	21	13	14	23	(OS)	(OS)	13	14	12	22	18	16	23
23	19	24	17	18	19	19	20	16	14	18	21	20	20	22	24	26	25	28	23	23	21	21	20	20	21	28
24	24	(OS)	27	27	23	20	14	11	13	14	20	22	35	40	23	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	23	25	23	40
25	23	19	22	21	22	22	21	21	21	20	22	17	19	20	21	22	21	21	21	23	22	22	22	21	21	23
26	24	25	21	25	14	19	14	20	22	23	24	24	26	26	24	25	25	24	20	13	13	15	23	20	21	26
27	22	21	21	11	11	17	12	19	22	27	22	20	20	21	22	23	23	20	19	19	21	21	21	21	20	27
28	20	20	20	20	21	21	21	21	15	13	20	22	23	21	19	20	20	19	20	20	20	20	20	20	20	23
29	19	20	20	20	23	24	21	21	21	21	20	19	20	19	18	18	19	18	18	18	18	14	15	17	19	24
30	21	20	21	10	11	18	19	20	20	24	23	20	22	23	24	24	23	23	18	16	15	18	20	21	20	24
31	22	22	24	24	23	23	23	21	19	20	21	22	27	22	24	16	16	21	26	31	25	25	27	25	23	31
AV	21	21	21	20	20	20	18	18	16	18	20	19	20	22	19	19	19	19	19	18	18	18	18	19	20	( )

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	27	28	28	28	21	17	25	21	20	21	25	24	23	20	23	24	19	16	15	10	5	7	11	18	20	28
2	22	22	20	23	26	24	24	19	20	21	19	20	22	21	22	22	18	8	9	22	10	12	15	15	19	26
3	15	15	15	17	22	22	21	22	23	23	23	24	24	22	23	22	23	20	22	23	22	15	9	26	21	26
4	15	19	27	25	28	35	24	21	19	19	22	23	27	25	25	25	22	15	12	8	15	19	32	25	22	35
5	20	22	24	24	24	16	19	20	24	25	25	23	22	24	23	23	25	26	24	22	21	22	23	23	23	26
6	19	19	21	22	20	20	23	22	20	19	17	19	26	26	27	28	25	26	23	25	9	19	20	22	22	28
7	21	19	17	18	12	15	18	21	21	22	24	23	24	23	21	21	21	22	11	13	23	22	22	21	20	24
8	24	27	22	23	16	22	21	19	21	21	22	23	26	23	28	(OS)	(OS)	36	24	23	14	18	20	19	22	36
9	19	17	8	11	13	14	14	17	18	19	19	20	18	19	17	21	24	22	23	22	25	26	24	22	19	26
10	21	21	21	21	17	(OS)	27	24	23	23	21	20	19	18	19	16	18	20	22	24	23	23	20	22	21	27
11	20	22	23	23	20	19	19	17	18	20	23	23	25	30	34	33	22	23	23	24	(OS)	(OS)	(OS)	29	23	34
12	24	26	31	24	17	19	18	25	20	19	22	22	23	28	25	21	(OS)	34	(OS)	(OS)	(OS)	(OS)	(OS)	22	23	34
13	17	23	17	14	13	15	16	19	14	19	23	24	23	24	23	23	22	22	22	22	20	21	24	22	20	24
14	26	28	27	23	22	22	26	25	26	23	23	22	23	25	24	23	23	22	22	22	22	22	23	23	24	28
15	23	24	22	22	20	21	21	22	19	25	26	24	24	26	26	24	24	25	22	22	21	22	21	24	23	26
16	24	23	23	24	23	24	22	23	22	26	27	22	24	23	23	23	22	22	22	23	24	24	21	14	23	27
17	12	20	20	19	18	20	20	20	20	21	20	20	20	18	17	16	18	18	14	10	15	8	9	14	17	21
18	8	8	13	20	21	23	23	20	22	22	22	22	24	15	14	11	9	(OS)	(OS)	28	14	16	23	16	18	28
19	25	23	20	19	22	22	23	23	22	22	24	22	24	22	22	22	22	22	21	21	17	12	13	15	21	25
20	17	20	22	24	23	20	21	23	21	24	24	21	20	10	(OS)	24	24	22	21	22	19	16	22	20	21	24
21	19	21	22	24	19	15	15	18	20	21	21	23	24	23	19	15	10	7	13	16	18	22	23	25	19	25
22	23	20	24	24	21	20	20	17	18	23	23	26	25	25	25	24	18	18	14	15	6	8	12	16	19	26
23	19	23	23	25	22	22	23	21	21	23	23	31	28	24	15	14	15	19	12	17	20	23	24	26	21	31
24	24	27	21	20	20	21	18	21	23	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	39	39	38	25	14	12	12	23	39
25	12	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	34	31	30	29	29	25	23	22	22	21	21	22	22	22	24	34
26	29	28	22	22	22	21	20	19	20	19	23	24	21	21	22	23	21	17	18	13	15	17	19	21	21	29
27	24	22	19	20	20	22	19	18	21	21	20	19	(OS)	(OS)	28	26	29	(OS)	(OS)	(OS)	40	(OS)	(OS)	(OS)	23	40
28	26	28	25	25	23	22	21	20	20	18	18	20	20	27	23	(OS)	42	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	24	42
29	31	25	21	22	21	20	17	18	19	15	23	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	22	21	31
30	22	12	20	20	22	19	20	19	19	17	19	19	23	27	30	33	43	44	39	29	(OS)	(OS)	(OS)	31	25	44
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	21	22	21	22	20	20	21	20	20	21	23	23	23	23	23	22	22	23	20	21	19	18	19	21	21	( )

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OS]	24	25	27	33	30	24	21	20	20	21	22	22	[IM]	[IM]	[IM]	22	22	[IM]	[IM]	[IM]	21	21	20	23	33
2	21	25	23	34	34	25	24	25	23	22	24	21	20	21	19	23	23	23	11	13	12	8	29	[OS]	22	34
3	[OS]	18	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	29	33	22	26	22	19	21	26	25	31	31	32	26	33
4	28	31	32	29	35	22	20	25	22	23	22	22	23	23	[OS]	[OS]	[OS]	27	21	21	21	22	22	29	25	35
5	31	28	19	31	27	[OS]	30	21	21	21	25	23	36	27	23	24	20	20	19	20	16	11	12	21	23	36
6	25	22	21	22	21	21	26	21	21	23	26	33	32	29	27	22	23	16	17	20	22	21	20	20	23	33
7	21	21	21	20	20	19	18	16	19	19	20	19	19	19	17	16	12	8	9	10	9	7	7	8	16	21
8	7	7	7	7	8	9	10	15	17	20	18	18	18	19	19	13	19	15	16	13	16	18	20	21	15	21
9	24	25	25	26	26	26	[OS]	[OS]	21	21	20	18	18	18	18	22	25	25	19	14	12	16	19	19	21	26
10	15	20	23	24	23	23	23	22	21	21	24	23	23	20	17	16	9	7	8	9	21	15	8	9	18	24
11	11	19	25	24	24	24	19	20	22	19	21	21	19	17	13	13	13	14	21	24	15	10	10	18	18	25
12	20	19	18	16	16	15	14	13	14	18	18	16	19	17	18	17	17	14	26	[OS]	[OS]	35	29	21	19	35
13	29	39	36	40	39	34	31	27	23	21	19	17	16	19	21	22	23	23	22	21	21	22	23	23	25	40
14	23	22	22	22	20	20	20	20	18	20	20	21	23	22	22	22	25	23	21	21	29	35	38	1	22	38
15	[OS]	37	33	21	16	19	21	21	22	22	22	22	17	22	17	19	20	21	22	23	23	23	23	22	22	37
16	17	13	13	13	17	19	21	21	21	22	22	19	12	14	24	22	13	14	16	18	31	30	25	25	19	31
17	21	21	20	20	19	18	16	17	18	20	21	25	26	26	36	37	29	23	22	25	25	24	22	22	23	37
18	23	25	27	29	27	23	22	23	25	25	26	22	20	19	27	25	19	16	11	19	36	28	22	21	23	36
19	20	20	20	21	19	18	20	21	24	24	20	23	23	23	22	21	20	19	19	21	21	22	23	23	21	24
20	23	25	25	26	26	27	27	22	20	22	23	23	23	23	24	23	22	23	20	20	17	10	10	13	22	27
21	13	21	29	29	27	26	25	26	25	26	26	26	25	21	27	24	24	25	26	28	28	28	27	26	25	29
22	24	22	23	23	21	22	25	26	25	24	22	22	22	29	30	26	22	16	14	17	19	20	23	25	23	30
23	21	21	26	26	22	22	22	20	20	21	22	21	20	19	18	17	17	13	12	15	18	19	20	25	20	26
24	23	23	23	22	22	22	21	20	20	20	21	20	20	20	2	19	17	13	14	17	18	20	21	22	19	23
25	21	22	22	22	20	22	19	19	17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	20	22
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	20	19	18	18	18	18	17	17	17	18	17	17	18	20
29	17	17	18	18	18	20	22	18	18	19	17	11	12	8	8	13	9	14	11	14	20	22	22	19	16	22
30	21	19	18	21	21	18	17	18	18	18	17	16	13	11	9	11	17	15	12	11	7	6	6	6	14	21
31	7	8	10	12	7	10	7	13	16	19	14	14	13	13	14	13	11	11	18	20	19	19	19	20	14	20
AV	20	22	22	23	23	21	21	20	20	21	21	21	21	20	20	20	19	18	17	18	20	20	20	20	20	[ ]

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.10	.10	.08	.08	.08	.10	.12	.24	.36	.56	.66	.66	.64	.74	.64	.68	.78	.80	.46	.18	.12	.16	.14	.10	.36	.80
2	.12	.08	.08	.10	.08	.10	.12	.18	.26	.50	.60	.62	.72	.78	.78	.68	.68	.52	.26	.14	.48	.58	.46	.28	.38	.78
3	.32	.18	.12	.08	.10	.08	.10	.16	.24	.44	.62	.72	.84	.96	.92	.96	.96	.96	.90	.76	.68	.80	.70	.50	.54	.96
4	.46	.54	.54	.48	.32	.50	.72	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	.98	.90	.80	.54	.62	.98
5	.20	.16	.18	.20	.26	.24	.22	.14	.12	.14	.28	.46	.36	.46	.44	.40	.38	.36	.24	.34	.32	.24	.42	.44	.30	.46
6	.46	.52	.40	.38	.36	.40	.38	.42	.58	.84	.94	.96	[OS]	1.00	.98	.96	[OS]	.98	.92	.78	.78	.96	.98	[OS]	.72	1.00
7	[OS]	.98	[OS]	[OS]	[OS]	.98	.94	.94	.96	1.00	[OS]	1.00	.98	[OS]	[OS]	.98	.98	.90	.82	.80	.84	.56	.54	.48	.86	1.00
8	.18	.16	.18	.14	.10	.10	.12	.14	.38	.60	.70	.78	.74	.76	.76	.72	.62	.56	.34	.34	.24	.54	.18	.14	.40	.78
9	.16	.12	.10	.10	.12	.10	.12	.20	.30	.48	.56	.62	.72	.74	.48	.76	.90	.46	.14	.14	.14	.18	.16	.10	.32	.90
10	.08	.12	.10	.08	.10	.08	.10	.12	.32	.50	.54	.58	.68	.70	.74	.76	.64	.28	.16	.12	.12	.12	.14	.10	.30	.76
11	.20	.22	.18	.08	.10	.10	.10	.14	.32	.48	.54	.58	.64	.72	.68	.66	.88	.92	.82	.82	.64	.50	.74	[OS]	.48	.92
12	1.00	.98	1.00	[OS]	.86	.54	.60	.62	.74	.72	.64	.72	.70	.66	.54	.66	.56	.56	.44	.30	.16	.16	.14	.14	.58	1.00
13	.16	.12	.10	.14	.14	.10	.14	.20	.34	.50	.64	.64	.70	.64	.62	.62	.48	.42	.26	.14	.14	.12	.12	.08	.32	.70
14	.10	.16	.10	.08	.10	.08	.10	.16	.26	.50	.48	.56	.58	.68	.64	.62	.48	.28	.34	.16	.24	.30	.28	.26	.32	.68
15	.18	.10	.10	.10	.10	.08	.08	.16	.24	.38	.52	.60	.62	.66	.56	.70	.62	.68	.68	.50	.62	.38	.36	.36	.40	.70
16	.48	.28	.32	.32	.18	.16	.10	.12	.28	.70	.84	.68	.68	.68	.68	.68	.66	.64	.62	.60	.60	.58	.56	.56	.50	.84
17	.56	.52	.52	.52	.52	.52	.54	.56	.56	.62	.62	.72	.78	.52	.62	.70	.66	.46	.24	.26	.34	.42	.38	.32	.52	.78
18	.14	.18	.16	.14	.16	.28	.40	.34	.78	.86	.82	.88	.92	.96	.96	.96	.94	.84	.78	.88	.84	.64	.50	.60	.62	.96
19	.46	.38	.44	.36	.32	.34	.24	.22	.32	.52	.46	.64	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	.82	.30	.20	.40	.82
20	.32	.86	.60	.36	.34	.28	.42	.52	.44	.52	.56	.68	.72	.96	.66	.40	.38	.64	.76	.76	.68	.18	.14	.10	.52	.96
21	.14	.14	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.46	.46	.96	.88	.84	.84	.84	.84	.80	.74	.56	.50	.34	.28	.16	.58	.96
22	.14	.16	.16	.14	.10	.14	.18	.22	.42	.58	.54	.52	.50	.64	.46	.44	.32	.46	.46	.46	.48	.18	.20	.20	.34	.64
23	.16	.12	.10	.04	.08	.08	.08	.20	.40	.66	.74	.74	.74	.64	.64	.60	.54	.54	.62	.42	.36	.32	.24	.34	.40	.74
24	.32	.38	.42	.34	.26	.36	.20	.20	.38	.42	.54	.68	.92	.98	.98	.96	.98	.92	.94	[OS]	.84	.50	.80	.56	.60	.98
25	.28	.42	.92	.92	.96	.90	.80	.86	.78	.60	.70	.70	.82	.74	.66	.64	.64	.48	.32	.16	.18	.24	.68	.58	.62	.96
26	.30	.34	.20	.18	.24	.14	.12	.22	.44	.54	.60	.70	.68	.64	.72	.62	.50	.36	.16	.10	.12	.24	.24	.36	.36	.72
27	.62	.70	.58	.34	.24	.12	.16	.24	.26	.40	.58	.74	.86	.70	.46	.60	.82	.74	.68	.20	.20	.14	.20	.36	.46	.86
28	.52	.28	.14	.24	.26	.24	.30	.20	.32	.32	.28	.38	.52	.66	.60	.62	.74	.70	.66	.64	.56	.50	.42	.18	.42	.74
29	.28	.24	.24	.14	.14	.36	.64	.54	.60	.60	.72	.72	.84	.88	.86	.84	.68	.56	.46	.38	.16	.16	.10	.08	.46	.88
30	.08	.12	.10	.04	.28	.42	.44	.24	.32	.50	.54	.54	.54	.60	.62	.52	.50	.36	.22	.14	.14	.14	.28	.24	.34	.62
31	.34	.24	.28	.18	.20	.16	.18	.22	.30	.48	.46	.54	.58	.64	.72	.60	.54	.40	.60	.54	.38	.28	.20	.20	.38	.72
AV	.30	.32	.30	.22	.24	.26	.30	.30	.42	.54	.60	.68	.72	.74	.68	.70	.66	.60	.52	.42	.42	.40	.38	.30	.46	T

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.20	.18	.18	.12	.10	.10	.10	.22	.46	.52	.50	.56	.66	.62	.60	.60	.56	.42	.34	.18	.14	.24	.24	.26	.34	.66
2	.20	.20	.12	.08	.08	.08	.10	.18	.30	.46	.44	.56	.50	.52	.44	.44	.32	.26	.20	.22	.40	.20	.18	.20	.28	.56
3	.18	.16	.10	.12	.20	.18	.18	.14	.30	.44	.46	.48	.54	.70	.88	.98	.72	.56	.54	.78	.84	.30	.26	.44	.44	.98
4	.18	.14	.24	.22	.14	.24	.36	.48	.46	.48	.58	.50	.54	.54	.62	.58	.48	.30	.16	.12	.12	.12	.22	.24	.34	.62
5	.12	.10	.18	.10	.10	.10	.14	.28	.42	.46	.54	.58	.72	.68	.66	.62	.58	.48	.32	.14	.14	.14	.16	.26	.34	.72
6	.14	.12	.20	.18	.10	.10	.10	.18	.30	.44	.50	.66	.76	.66	.70	.68	.56	.48	.22	.14	.16	.14	.18	.34	.34	.76
7	.30	.24	.18	.20	.24	.32	.20	.32	.72	.90	.66	.70	.80	.88	.60	.64	.82	.70	.50	.50	.24	.54	.46	.16	.50	.90
8	.16	.18	.20	.18	.32	.44	.34	.36	.42	.36	.34	.48	.62	.74	.76	.88	.82	.68	.78	.54	.34	.20	.14	.10	.44	.88
9	.10	.20	.22	.16	.16	.16	.34	.40	.46	.48	.64	.70	.64	.82	.82	.90	.68	.48	.40	.28	.14	.14	.24	.26	.40	.90
10	.16	.16	.22	.26	.16	.18	.18	.34	.46	.54	.56	.66	.76	.60	.54	.54	.48	.40	.28	.30	.42	.46	.20	.18	.38	.76
11	.18	.24	.22	.16	.24	.44	.44	.20	.36	.50	.60	.58	.66	.72	.74	.76	.56	.50	.38	.24	.46	.54	.56	.58	.46	.76
12	.54	.46	.40	.18	.12	.12	.14	.22	.34	.46	.58	.56	.60	.64	.58	.82	.90	.68	.46	.66	.60	.52	.56	.44	.48	.90
13	.28	.18	.18	.10	.14	.14	.14	.20	.32	.44	.60	.68	.82	.84	.84	.86	.92	.94	.88	.84	.46	.26	.32	.32	.48	.94
14	.48	.42	.62	.88	.78	.22	.28	.44	.60	.70	.78	.86	.90	.94	.90	.86	.92	.94	.96	.96	.98	.86	.54	.18	.70	.98
15	.14	.12	.12	.10	.10	.10	.12	.18	.26	.58	.66	.78	.92	.90	.90	.88	.90	.88	.88	.56	.28	.28	.46	.44	.48	.92
16	.28	.22	.20	.24	.20	.16	.16	.24	.50	.60	.64	.74	.76	.94	1.02	1.04	1.04	1.02	1.06	1.02	.70	.34	.16	.18	.56	1.06
17	.14	.14	.24	.26	.20	.12	.16	.18	.14	.16	.24	.24	.36	.42	.42	.40	.44	.62	.38	.32	.36	.70	.62	.40	.32	.70
18	.32	.40	.26	.48	.52	.52	.46	.58	.78	.88	.82	.68	.42	.50	.76	.86	.80	.80	.90	.88	.46	.24	.14	.10	.56	.90
19	.12	.12	.10	.10	.12	.14	.20	.22	.40	.40	.46	.40	.68	.68	.82	.92	.84	.66	.82	.64	.22	.22	.22	.14	.40	.92
20	.10	.04	.04	.10	.10	.10	.16	.36	.40	.34	.42	.76	.80	.66	.92	.86	.78	.86	.52	.24	.10	.12	.10	.10	.38	.92
21	.14	.14	.12	.10	.10	.10	.18	.28	.50	.56	.70	.62	.70	.68	.66	.48	.50	.40	.26	.14	.16	.14	.12	.14	.34	.70
22	.14	.16	.18	.18	.16	.24	.18	.24	.40	.54	.66	.68	.72	.78	.78	.74	.68	.56	.36	.28	.24	.32	.46	.42	.42	.78
23	.32	.14	.10	.10	.08	.12	.16	.32	.48	.52	.52	.64	.72	.56	.40	.46	.40	.20	.14	.12	.08	.10	.10	.12	.28	.72
24	.12	.08	.10	.10	.10	.08	.10	.14	.54	.84	.98	1.06	1.04	1.06	1.04	1.06	1.06	1.04	.96	.78	.34	.20	.16	.16	.54	1.06
25	.14	.36	.64	.80	.82	.76	.74	.80	1.02	1.04	(OS)	1.02	.86	.54	.80	1.06	1.06	1.06	1.06	.96	.86	.72	.48	.22	.78	1.06
26	.12	.10	.08	.10	.04	.20	.10	.18	.38	.52	.58	.64	.70	.68	.58	.60	.58	.44	.22	.10	.10	.20	.28	.20	.32	.70
27	.12	.08	.08	.10	.08	.08	.10	.10	.28	.48	.52	.56	1.00	1.06	1.00	1.04	.92	.96	.94	.92	.62	.46	.74	.42	.52	1.06
28	.32	.26	.12	.10	.10	.08	.08	.10	.28	.48	.54	.60	.66	.70	.70	.96	.90	.96	.90	.64	.54	.46	.44	.50	.48	.96
29	.56	.40	.22	.10	.08	.08	.08	.10	.20	.36	.72	.90	.86	.96	.94	.94	.90	.94	1.00	.66	.42	.50	.54	.50	.54	1.00
30	.50	.34	.12	.10	.10	.08	.10	.10	.24	.40	.54	.68	.92	.94	.92	.92	.94	.92	.76	.40	.18	.22	.30	.32	.46	.94
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	.22	.20	.20	.20	.20	.20	.20	.26	.42	.52	.58	.66	.72	.74	.74	.78	.74	.68	.58	.48	.38	.32	.32	.28	.44	( )

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.18	.10	.08	.08	.08	.08	.08	.08	.28	.46	.48	.66	.94	.96	.96	.92	.92	.80	.78	.80	.68	.30	.24	.18	.46	.96
2	.08	.16	.10	.08	.08	.10	.12	.10	.36	.46	.54	.56	.64	.60	.52	.54	.72	.64	.66	.42	.76	.66	.64	.72	.42	.76
3	.48	.28	.12	.10	.14	.16	.44	.62	.62	.68	.70	.70	.66	.76	.68	.58	.50	.44	.36	.32	.30	.14	.10	.10	.42	.76
4	.08	.14	.12	.14	.16	.12	.08	.22	.30	.46	.40	.56	.66	.66	.72	.54	.54	.52	.58	.42	.38	.40	.34	.16	.36	.72
5	.18	.20	.28	.44	.28	.24	.14	.24	.40	.36	.42	.64	.72	.72	.64	.78	.80	.74	.30	.24	.86	.84	.46	.24	.46	.86
6	.10	.10	.10	.08	.10	.10	.14	.26	.40	.60	.62	.66	.72	.72	.72	.62	.56	.50	.44	.42	.24	.14	.22	.20	.36	.72
7	.28	.22	.20	.18	.10	.10	.10	.20	.34	.52	.60	.68	.64	.64	.78	.76	.82	.54	.38	.40	.28	.26	.20	.40	.40	.82
8	.50	.42	.50	.34	.16	.20	.26	.38	.50	.60	.62	.60	.68	.64	.58	.66	.48	.30	.26	.40	.22	.18	.20	.14	.40	.68
9	.10	.18	.42	.38	.34	.22	.30	.58	.60	.60	.58	.68	.70	.72	.80	.64	.42	.38	.56	.62	.24	.12	.14	.12	.44	.80
10	.10	.10	.08	.10	.14	.14	.12	.26	.46	.56	.62	.72	.74	.70	.70	.62	.52	.34	.42	.34	.26	.28	.22	.16	.36	.74
11	.24	.16	.10	.20	.18	.12	.10	.24	.46	.52	.72	.72	.72	.78	.74	.72	.64	.62	.70	.32	.36	.42	.26	.12	.42	.78
12	.18	.20	.18	.10	.10	.10	.10	.22	.44	.54	.56	.58	.66	.78	.68	.74	.62	.48	.46	.76	.64	.58	.54	.46	.44	.78
13	.40	.34	.38	.34	.46	.46	.40	.62	.72	.80	.72	.82	.30	.46	.70	.60	.66	.64	.60	.56	.24	.18	.22	.16	.50	.82
14	.24	.26	.10	.14	.10	.10	.16	.28	.40	.56	.56	.70	.70	.64	.58	.66	.66	.58	.86	.70	.28	.26	.26	.54	.44	.86
15	.78	.52	.28	.14	.18	.20	.12	.12	.46	.72	.64	.72	.38	.42	.40	.40	.24	.18	.18	.16	.22	.18	.16	.12	.34	.78
16	.30	.48	.42	.32	.16	.10	.10	.20	.42	.46	.34	.46	.58	.76	.72	.72	.60	.32	.34	.56	.64	.50	.22	.14	.42	.76
17	.16	.12	.14	.10	.10	.08	.10	.18	.30	.38	.52	.50	.50	.86	1.00	.96	.88	.48	.44	.28	.20	.32	.40	.28	.38	1.00
18	.28	.34	.32	.16	.16	.12	.12	.18	.48	.54	.66	.64	.64	.66	.64	.72	.68	.58	.38	.20	.32	.28	.44	.36	.42	.72
19	.18	.12	.12	.18	.10	.10	.12	.20	.34	.52	.50	.56	.66	.66	.72	.68	.60	.52	.36	.32	.16	.12	.12	.22	.34	.72
20	.24	.14	.14	.18	.12	.10	.10	.12	.30	.46	.60	.60	.72	.64	.62	.70	.86	.94	.48	.28	.28	.56	.34	.22	.40	.94
21	.20	.44	.30	.20	.14	.10	.20	.26	.34	.56	.68	.72	.60	.66	.64	.98	.58	.70	.50	.34	.28	.24	.14	.14	.42	.98
22	.10	.14	.12	.22	.30	.22	.18	.26	.38	.58	.62	.66	.66	.78	.72	.70	.68	.58	.38	.24	.22	.28	.24	.24	.40	.78
23	.36	.26	.18	.16	.12	.12	.10	.22	.34	.58	.60	.70	.70	.70	.68	.68	.74	.56	.40	.18	.12	.14	.20	.12	.38	.74
24	.10	.12	.12	.10	.10	.08	.10	.18	.32	.52	.60	.62	.72	.84	.80	.84	.64	.60	.52	.26	.18	.18	.14	.24	.38	.84
25	.26	.18	.12	.08	.10	.08	.10	.14	.28	.50	.56	.54	.66	.72	.80	.72	.74	.58	.42	.26	.32	.48	.46	.24	.38	.80
26	.46	.14	.14	.10	.10	.10	.10	.24	.32	.60	.64	.66	.70	.78	.74	.78	.70	.58	.58	.30	.18	.22	.50	.46	.42	.78
27	.16	.12	.12	.12	.10	.10	.14	.18	.40	.50	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.20	.50
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.28	[MT]	.82	.86	.84	.84	.84	.84	.74	.78	.76	.66	.34	.44	.70	.86
29	.62	.54	.50	.62	.52	.34	.40	.74	.80	.78	.62	.74	.42	.34	.38	.38	.50	.80	.50	.36	.18	.18	.12	.20	.48	.80
30	.24	.20	.26	.18	.12	.16	.24	.16	.26	.56	.58	.48	.56	.46	.48	.42	.66	.82	.62	.38	.36	.42	.46	.58	.40	.82
31	.46	.70	.60	.38	.32	.20	.28	.34	.44	.54	.68	.76	.68	.68	.52	.46	.72	.70	.80	.28	.22	.28	.26	.14	.48	.80
AV	.26	.24	.22	.20	.18	.14	.16	.26	.42	.56	.58	.64	.64	.68	.68	.68	.66	.58	.50	.40	.34	.32	.28	.26	.42	[ ]

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	31	31	30	29	28	27	27	28	30	32	33	17	16	14	13	15	17	21	22	21	21	20	21	22	24	33
2	24	25	26	26	27	26	24	24	23	21	20	20	21	19	18	16	16	11	6	5	7	7	7	9	18	27
3	11	13	13	17	19	21	23	23	22	19	16	16	15	12	10	9	8	8	7	9	11	12	14	16	14	23
4	5	4	16	18	20	21	22	21	21	24	25	25	25	26	26	26	26	26	27	29	26	23	23	24	22	29
5	26	27	27	27	27	26	26	26	27	29	31	31	31	30	30	21	20	24	26	29	28	27	26	26	27	31
6	24	24	23	23	22	22	21	21	23	24	26	28	28	29	29	30	30	30	30	29	29	28	27	25	26	30
7	25	24	24	23	23	23	22	23	24	25	25	26	27	28	29	31	31	32	32	32	31	31	31	31	27	32
8	31	31	31	31	30	30	30	30	31	32	32	32	31	32	33	32	33	32	31	31	31	31	31	32	31	33
9	32	32	31	31	30	30	30	31	32	32	32	30	25	19	20	21	27	27	23	22	23	24	26	28	27	32
10	31	31	31	31	31	30	30	31	9	7	9	8	7	7	7	6	4	3	2	1	1	1	2	2	13	31
11	4	5	7	9	10	12	14	14	13	11	9	7	7	7	7	5	4	3	2	3	4	4	8	17	8	17
12	20	25	24	20	21	22	21	24	25	25	25	24	25	23	22	21	15	7	10	10	10	11	12	14	19	25
13	15	17	17	19	20	21	17	18	15	13	12	12	13	13	10	9	8	6	5	4	4	5	6	9	12	21
14	12	15	17	17	19	19	21	20	18	14	10	9	8	7	7	7	6	4	3	2	2	4	6	7	11	21
15	10	12	14	17	19	22	20	22	21	19	14	9	9	9	8	7	5	6	6	6	7	8	9	10	12	22
16	12	14	17	21	23	24	24	24	21	23	30	31	5	30	30	30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	22	31
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
AV	20	21	22	22	23	24	23	24	22	22	22	20	18	19	19	18	17	16	15	16	16	16	17	18	20	( )

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	8	14	15	15	16	18	20	22	21	21	17	22
5	23	23	24	24	24	24	25	26	27	28	30	29	30	30	30	31	31	32	31	27	28	29	29	30	28	32
6	6	6	29	29	29	28	28	28	28	30	30	31	31	27	27	27	27	27	27	29	29	29	29	30	27	31
7	29	29	29	29	29	29	29	30	30	31	31	31	31	30	31	30	30	30	29	29	29	28	27	28	30	31
8	28	27	27	27	27	27	27	28	29	30	30	30	30	31	30	30	31	31	30	30	29	29	28	28	29	31
9	27	26	25	25	22	22	22	24	25	25	26	28	28	27	26	25	25	25	25	25	25	24	24	23	25	28
10	23	23	23	23	23	23	23	24	26	27	27	27	27	28	28	27	27	27	27	26	26	26	25	25	25	28
11	24	24	23	23	22	21	22	24	26	27	28	28	29	29	29	29	29	31	33	33	31	30	29	29	27	33
12	28	28	27	25	25	24	24	26	28	32	33	34	34	13	32	29	29	29	29	28	27	26	26	24	28	34
13	25	24	23	23	23	22	23	24	26	27	29	28	28	29	29	29	29	29	28	27	27	26	26	25	26	29
14	25	25	27	27	27	27	27	29	30	31	31	31	31	31	31	32	32	32	31	30	29	28	28	27	29	32
15	27	26	26	25	25	24	25	26	28	29	31	31	31	31	31	31	31	31	32	31	30	29	27	25	28	32
16	25	25	24	24	25	26	26	27	28	29	30	30	30	30	29	29	29	30	30	29	29	28	28	28	28	30
17	27	27	27	27	27	27	27	27	27	28	28	27	28	28	29	29	29	29	28	28	27	27	26	26	28	29
18	25	25	25	25	24	22	22	22	21	19	19	20	21	22	23	22	22	18	22	21	21	20	20	20	22	25
19	20	20	20	20	20	20	20	20	21	22	23	23	22	23	22	22	22	22	22	21	21	20	20	20	21	23
20	20	19	19	19	19	18	19	20	22	22	22	22	22	22	22	22	22	22	22	22	21	21	20	20	21	22
21	20	19	19	19	19	19	20	21	22	23	25	26	26	26	25	24	23	23	24	24	23	22	22	22	22	26
22	21	21	21	20	21	22	23	24	26	27	25	25	25	25	25	26	26	27	27	27	26	24	23	22	24	27
23	22	22	21	21	21	21	21	23	24	25	26	28	28	27	27	28	27	27	26	26	25	24	23	23	24	28
24	22	22	21	21	21	21	21	22	24	25	26	27	27	27	27	27	27	28	28	27	26	25	24	23	25	28
25	23	22	22	22	22	22	23	23	23	24	24	24	23	23	24	24	24	23	21	21	21	21	21	23	23	24
26	24	24	23	23	22	22	23	25	26	27	28	29	29	29	29	30	31	31	32	32	30	28	27	26	27	32
27	26	25	24	24	23	23	24	26	28	29	30	31	29	33	32	32	32	32	32	32	31	29	28	27	28	33
28	27	26	26	25	25	24	25	26	26	28	29	30	30	31	31	31	31	31	31	30	29	28	27	25	28	31
29	24	24	23	23	22	22	22	24	26	28	30	31	31	31	32	32	32	32	32	31	30	28	27	26	28	32
30	26	25	26	26	25	25	26	27	29	31	32	33	34	34	34	33	33	33	34	33	32	30	29	28	30	34
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	24	23	24	24	24	23	24	25	26	27	28	28	28	28	28	28	28	28	28	27	27	26	25	25	26	( )

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

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**********************
*                    *
* PRELIMINARY DATA   *
* AS OF 02 OCT 75    *
*                    *
**********************
*                    *
*     Subject To     *
*      Revision      *
*                    *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	-10	-2	-2	-1	-1	-2	-1	0	-2	0
25	0	0	0	1	1	1	2	3	4	4	4	4	3	1	-2	-2	0	0	-1	-1	1	2	3	3	1	4
26	5	3	4	4	4	4	5	6	6	6	6	4	4	3	3	3	2	3	4	3	3	4	4	5	4	6
27	5	5	5	5	5	6	6	6	6	6	6	5	5	4	4	4	4	4	3	4	5	5	5	6	5	6
28	5	5	5	5	6	6	6	7	7	8	7	[CA]	6	5	4	4	5	5	5	6	6	7	7	7	6	8
29	8	8	8	8	8	9	9	10	10	10	11	11	13	14	14	13	13	13	13	14	15	15	15	14	11	15
30	14	13	12	13	12	13	13	14	15	14	13	12	12	13	12	12	8	7	8	9	9	10	9	9	12	15
31	9	9	9	10	10	10	10	10	10	10	10	10	10	9	9	9	8	8	8	11	11	10	11	11	10	11
AV	7	6	6	7	7	7	7	8	8	8	8	8	8	7	6	6	4	5	5	6	6	6	7	7	6	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	5	5	5	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	5	5	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	5	0	0	0	0	0	0	5
5	0	0	0	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
6	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
7	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	5	0	0	5
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9	5	0	5	0	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5	0	0	0	0	0	5	5
10	0	0	0	0	0	0	0	5	0	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5	0	5
11	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5
12	0	0	5	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
13	5	5	0	0	0	0	0	0	0	5	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	5
14	0	0	0	0	0	0	5	0	0	0	5	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5
15	5	0	0	0	0	0	0	0	0	0	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5
16	0	0	0	0	0	0	5	5	0	5	5	5	5	0	5	5	5	5	0	0	0	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	[FO]	[FO]	[FO]	[FO]	[FO]	0	5
19	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	5	0	0	0	5	5	5	5	0	5
20	5	0	0	5	0	0	0	5	0	0	0	5	0	0	0	5	5	5	5	5	5	5	5	0	5	5
21	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[FO]	[FO]	[FO]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	5	0	0	0	0	5	5	5	5	5	5	5
24	0	0	0	5	0	0	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	5	5	0	5
25	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	0	0	5	0	0	0	0	0	0	5	5
26	5	0	5	0	0	5	5	5	0	0	0	5	5	0	0	0	0	0	0	0	5	0	0	5	0	5
27	0	5	5	5	5	5	5	0	0	5	5	5	5	0	5	5	0	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	5	5	5	5	0	0	5	5	5	5	5	5	5	0	5	5
29	5	5	5	5	5	5	5	0	5	5	5	5	0	5	0	0	5	5	0	0	0	0	5	5	5	5
30	0	5	5	5	5	5	5	5	5	5	0	0	0	0	5	5	5	5	10	5	5	5	5	5	5	10
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	5	5	0	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.0	2.5	3.5	4.0	3.0	3.0	3.0	3.5	2.0	1.5	5.5	5.0	6.5	9.5	11.5	6.0	12.5	13.0	7.5	3.0	3.0	2.5	3.0	2.0	5.0	13.0
2	1.5	1.5	2.5	3.0	3.0	3.0	3.0	2.5	2.5	2.0	4.5	9.0	9.0	11.5	7.5	7.0	6.0	5.0	2.5	4.5	7.0	9.0	5.5	3.5	5.0	11.5
3	1.5	1.0	1.5	3.0	2.5	3.0	3.0	3.0	2.0	1.5	5.0	9.0	11.5	14.0	15.5	13.5	16.0	15.0	14.0	13.5	7.5	11.0	11.5	10.0	9.0	16.0
4	9.5	3.0	4.5	4.5	3.0	1.5	5.5	14.5	13.0	17.0	15.0	22.0	10.5	[illegible]	17.0	13.0	10.0	13.0	10.0	13.0	13.5	7.5	1.5	3.0	12.0	22.0
5	3.5	6.0	6.0	4.0	4.0	4.0	4.0	4.0	2.5	2.5	2.5	3.0	6.5	4.0	1.0	2.0	1.5	1.5	2.5	2.5	2.5	4.0	4.0	4.0	3.0	5.5
6	3.0	2.5	2.5	3.0	3.0	3.0	3.0	3.5	2.5	2.5	3.0	1.5	1.5	1.5	1.5	1.5	16.0	4.5	1.0	1.0	2.0	1.5	2.5	3.0	3.0	16.0
7	3.0	3.0	3.0	3.0	3.5	3.0	3.5	3.5	3.0	2.5	3.0	1.5	[illegible]	[illegible]	[illegible]	17.5	16.5	14.5	10.5	11.0	4.0	3.0	1.5	1.0	7.0	19.5
8	1.5	1.0	1.5	2.0	3.0	3.0	3.0	2.5	1.5	7.0	10.0	12.5	10.5	11.0	9.5	7.5	9.0	9.5	4.0	4.5	4.0	9.0	2.0	3.0	5.5	12.5
9	2.0	3.0	1.0	1.0	2.5	2.5	1.0	2.0	1.5	6.0	6.5	4.5	[illegible]	[illegible]	[illegible]	12.0	13.0	7.0	2.0	5.0	4.5	5.0	5.5	5.5	5.0	13.0
10	4.5	3.0	2.5	1.5	1.0	.5	1.0	1.0	3.0	2.5	3.5	4.5	6.5	[illegible]	[illegible]	[illegible]	6.0	6.0	5.0	7.0	9.5	6.5	2.5	2.5	4.5	9.5
11	3.0	2.5	3.0	3.0	3.0	1.5	1.5	3.0	3.0	3.0	4.5	6.5	5.5	5.0	7.0	9.0	14.0	11.0	10.5	6.5	3.0	5.5	14.5	21.0	5.0	21.0
12	21.0	20.5	21.0	22.0	15.0	11.0	9.5	9.5	10.5	6.0	6.0	10.0	10.0	7.5	9.5	7.5	5.5	11.5	9.5	4.0	3.0	4.5	2.5	1.5	10.0	22.0
13	1.0	1.0	5.0	3.0	3.0	4.0	3.0	4.0	4.0	4.5	4.5	4.5	5.0	4.5	6.0	5.5	4.0	3.5	3.5	5.0	4.5	5.5	5.5	6.5	4.0	6.5
14	5.5	3.0	3.5	4.0	4.0	4.0	3.0	4.0	3.0	3.5	4.0	4.0	7.0	[illegible]	5.5	5.5	4.5	2.5	5.0	4.0	5.5	5.0	3.5	2.5	4.5	9.0
15	3.0	4.0	4.0	3.0	3.5	3.0	3.0	1.5	3.0	3.5	2.0	5.5	6.0	[illegible]	[illegible]	[illegible]	[illegible]	11.5	10.5	4.5	7.0	5.0	5.5	5.0	5.5	[illegible]
16	5.0	4.0	2.5	1.5	1.5	3.0	3.0	2.5	3.0	6.5	11.0	10.5	9.5	9.5	7.0	13.0	10.5	15.5	14.0	6.5	7.5	3.5	6.5	6.0	7.0	15.5
17	1.5	4.0	4.5	2.5	1.5	2.5	1.5	2.0	4.0	5.0	6.5	7.0	6.5	6.5	6.0	12.0	7.0	7.0	4.5	3.0	1.5	5.0	3.0	2.5	4.5	12.0
18	3.0	2.5	4.5	3.0	3.5	2.5	2.0	1.5	4.5	6.5	12.5	16.0	16.0	17.0	17.0	10.0	17.0	12.5	9.5	7.0	5.5	5.5	4.0	6.0	[illegible]	[illegible]
19	1.0	1.0	1.0	1.0	2.0	1.0	1.0	2.5	4.0	7.5	9.0	16.0	22.0	21.5	20.5	20.5	17.0	20.5	21.5	21.0	15.0	11.5	5.0	5.0	11.5	22.5
20	12.0	17.0	10.0	6.5	5.0	4.0	10.5	12.0	11.0	8.0	5.0	14.0	6.5	16.0	9.5	7.5	9.0	13.5	16.0	17.0	11.5	3.5	1.0	1.5	9.5	17.0
21	1.5	2.0	2.0	1.5	2.0	1.5	1.5	7.0	14.0	13.5	15.5	14.0	12.5	[illegible]	[illegible]	12.5	13.0	13.5	12.0	9.5	10.5	5.5	3.0	1.0	9.0	15.0
22	1.0	1.5	1.0	1.5	1.0	1.5	2.0	3.0	4.0	6.0	6.0	7.5	7.0	10.0	7.0	5.5	3.0	7.0	6.0	4.0	1.0	1.5	1.0	1.0	3.5	10.0
23	3.0	4.0	4.0	3.0	1.5	1.5	1.0	3.0	1.5	4.0	9.0	9.5	11.5	14.5	9.5	6.5	7.5	7.0	9.5	6.0	5.0	5.0	1.5	3.0	5.0	11.5
24	1.5	3.0	4.0	1.5	1.5	3.5	1.5	1.0	2.0	4.0	7.5	10.0	15.0	16.0	14.5	15.0	14.0	13.5	15.5	13.0	15.0	9.0	12.0	10.5	9.0	[illegible]
25	3.0	7.5	10.0	12.5	14.5	12.0	9.5	12.5	6.0	7.0	9.5	10.0	[illegible]	[illegible]	6.0	6.5	6.0	5.5	4.5	4.5	5.0	3.0	12.0	9.0	8.5	14.5
26	6.0	4.0	5.0	5.0	5.0	3.5	3.0	3.0	7.5	6.0	5.0	6.0	4.5	7.0	4.5	6.0	4.0	2.5	3.5	5.5	5.5	5.0	3.0	5.0	5.0	7.5
27	[illegible]	10.0	7.0	4.5	3.5	4.0	[illegible]	[illegible]	7.0	4.0	7.5	6.0	[illegible]	[illegible]	6.0	[illegible]	11.0	12.5	6.0	3.5	4.5	5.5	5.5	10.5	7.5	15.0
28	10.0	3.5	4.5	4.5	4.5	6.5	4.5	2.0	5.0	4.0	3.5	5.5	7.5	13.5	8.5	14.5	18.0	17.5	16.5	15.0	12.5	11.5	7.5	4.0	8.5	18.0
29	6.0	3.5	1.0	3.5	1.0	3.5	13.0	14.5	16.5	16.5	17.0	17.0	17.5	[illegible]	17.5	15.0	12.5	11.0	10.0	9.0	6.5	5.5	3.0	2.5	10.0	[illegible]
30	2.5	4.0	1.0	1.5	1.5	1.5	1.5	2.5	2.0	2.0	4.0	4.0	4.0	5.0	5.0	6.5	3.5	2.5	3.5	3.5	4.0	3.5	2.5	4.0	3.0	6.5
31	4.5	3.0	1.5	3.0	3.0	1.5	3.5	1.0	6.5	4.5	5.5	5.0	5.0	5.5	9.5	7.0	5.5	4.0	3.0	3.5	4.5	5.0	3.5	1.5	5.0	9.5
AV	4.0	4.0	4.0	3.5	3.5	3.5	3.5	3.5	5.0	5.5	7.0	8.5	9.0	11.0	[illegible]	9.5	11.0	[illegible]	9.5	7.0	6.5	5.0	5.0	4.5	5.5	( )

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH
SITE A 3
JUNE, 1975
AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.0	2.5	3.5	2.5	4.5	4.0	4.0	11.5	9.0	7.5	4.0	4.5	4.0	6.0	4.5	5.5	5.5	5.5	5.5	5.5	5.5	4.0	3.0	4.5	5.0	11.5
2	3.5	4.0	4.0	1.5	3.5	4.0	3.5	3.0	5.0	3.5	5.5	4.0	4.0	5.0	5.5	9.5	9.0	4.5	2.5	7.5	3.0	3.5	4.5	4.0	4.5	9.5
3	3.0	2.5	3.5	2.5	1.0	3.5	2.5	2.0	4.0	4.0	3.5	4.0	7.5	11.0	17.0	22.5	19.0	7.5	9.5	12.0	16.0	5.0	2.0	3.5	6.5	22.5
4	1.5	4.5	1.5	2.5	2.0	1.0	1.5	4.0	2.5	3.5	3.5	6.0	5.0	7.5	4.0	5.0	4.5	3.5	4.0	6.5	6.5	3.0	2.5	3.0	3.5	7.5
5	6.5	6.5	2.0	6.5	4.5	3.0	1.5	4.5	3.0	6.0	7.5	6.5	6.5	4.5	5.5	6.5	6.0	6.0	2.0	2.5	5.5	4.5	4.5	3.5	4.5	6.5
6	3.5	4.0	3.5	3.5	5.5	4.0	4.5	3.0	3.5	4.5	5.0	6.5	3.5	7.0	6.5	7.0	6.5	4.0	2.0	4.0	4.5	6.5	3.5	1.0	4.5	9.5
7	4.0	4.0	4.5	7.0	3.5	6.0	3.5	8.5	8.0	10.5	4.0	8.0	8.5	12.5	4.5	14.0	15.5	12.5	7.0	7.0	5.5	8.5	5.0	3.0	7.5	15.5
8	1.5	4.0	1.5	4.0	4.0	5.0	6.5	3.0	3.5	2.5	3.5	6.5	8.5	10.0	11.0	10.0	7.5	13.5	10.5	8.5	9.0	9.0	9.0	6.0	6.5	13.5
9	5.0	3.0	8.0	9.5	10.5	9.0	9.0	10.0	11.0	10.5	16.5	9.5	8.0	14.0	15.5	16.0	13.0	4.5	5.0	4.5	4.5	3.0	1.0	3.0	8.5	13.0
10	1.0	1.5	1.5	2.0	1.5	1.0	2.0	2.0	5.0	8.0	7.5	10.5	9.5	9.0	9.5	6.5	6.5	4.0	2.5	5.0	4.5	4.0	3.0	2.5	4.5	10.5
11	1.0	1.0	1.5	4.5	3.0	4.0	3.5	2.5	1.5	3.5	5.5	6.0	7.0	8.0	6.5	8.0	9.5	6.5	6.5	3.0	2.5	4.0	5.0	1.5	4.5	9.5
12	2.0	2.0	2.5	2.5	4.0	2.5	2.5	2.5	4.0	5.5	9.5	6.0	7.5	8.5	9.0	14.5	14.5	10.0	6.0	3.5	3.5	3.0	2.5	2.5	5.5	14.5
13	2.5	2.5	2.5	2.5	4.5	4.0	3.5	3.5	3.5	3.5	6.0	10.5	13.0	14.5	16.5	19.5	16.0	17.0	14.0	11.5	6.5	1.5	3.5	1.5	9.0	19.5
14	2.5	2.5	5.5	14.5	6.0	6.5	2.5	3.0	3.5	9.0	11.5	14.5	13.5	14.0	14.5	15.5	16.0	19.0	18.5	15.5	15.5	11.5	7.0	2.5	10.5	19.5
15	3.5	4.0	6.5	6.5	5.5	6.5	3.5	3.5	6.0	6.0	5.5	8.5	12.5	17.0	17.5	17.5	17.5	17.5	14.0	7.0	5.5	3.0	4.0	2.5	3.5	17.5
16	3.0	2.0	4.0	4.5	3.5	3.0	2.0	4.5	6.0	10.0	10.5	12.5	15.5	21.5	23.5	21.5	21.5	20.0	17.0	13.5	6.0	3.5	4.5	7.5	10.0	23.5
17	4.0	3.5	6.5	7.0	9.0	6.0	9.0	2.5	6.0	3.5	6.0	6.0	6.5	4.5	6.0	6.0	7.5	10.5	12.0	11.0	15.0	16.5	12.5	2.0	9.0	16.5
18	6.0	8.0	5.5	11.0	7.5	10.5	7.5	7.5	15.5	16.0	15.0	12.0	4.5	7.5	10.0	9.5	10.5	7.0	17.0	15.0	9.5	5.0	3.5	3.0	9.5	17.0
19	1.5	3.0	4.5	3.0	1.5	2.5	2.5	5.5	9.0	4.0	3.0	8.5	6.0	10.0	15.0	13.5	9.5	7.0	7.5	3.0	3.0	4.0	5.5	4.0	5.0	15.0
20	3.5	2.0	1.0	1.0	2.0	2.5	1.5	4.0	3.0	4.0	2.5	9.5	11.0	9.0	14.5	14.5	16.5	10.0	8.5	3.5	2.5	4.5	4.0	5.5	6.0	16.5
21	3.5	3.5	2.5	3.0	2.5	1.5	2.0	3.0	4.5	4.5	4.0	9.5	10.0	11.5	11.5	6.0	8.0	5.5	4.5	1.0	1.5	4.0	4.0	3.5	5.0	11.5
22	3.5	1.5	2.0	2.0	2.0	1.5	2.5	1.5	2.0	4.0	4.5	7.0	6.0	2.5	2.5	9.0	7.5	7.0	5.5	4.5	4.0	5.5	2.0	1.0	4.5	9.0
23	6.0	6.5	5.0	5.5	6.0	6.0	3.5	4.0	4.0	5.0	4.5	5.0	16.5	14.5	7.5	6.5	4.0	3.5	7.0	6.0	7.5	6.0	6.0	4.5	6.0	15.5
24	7.0	7.5	4.0	2.0	2.5	1.5	2.0	3.0	7.5	22.5	19.5	22.0	22.5	23.5	23.0	23.5	23.5	19.0	17.5	11.5	3.5	3.5	5.5	5.5	12.0	23.5
25	6.5	4.5	3.0	10.5	15.0	15.5	15.5	17.0	21.0	10.5	20.0	19.5	13.5	7.0	17.5	21.0	22.0	23.5	22.5	20.0	15.0	9.5	3.5	3.5	14.5	23.5
26	2.0	5.5	6.5	4.5	4.0	3.5	4.0	2.5	5.5	4.5	6.5	5.5	6.5	5.0	6.5	5.5	6.5	5.0	4.0	4.0	5.5	5.5	4.0	4.0	5.0	6.5
27	4.5	5.0	2.5	4.0	3.5	1.0	1.5	2.0	3.0	3.5	4.0	6.0	17.0	22.0	17.5	17.0	14.5	15.0	15.5	12.0	5.0	4.5	4.0	4.0	[illegible]	22.0
28	4.5	5.0	1.5	2.5	2.5	4.0	3.5	2.0	4.0	4.0	4.5	6.5	6.5	10.0	9.5	13.0	14.0	13.0	14.0	7.0	3.0	2.5	3.0	4.0	6.0	14.0
29	3.0	4.0	4.0	1.5	2.0	2.5	1.0	3.0	3.0	3.5	5.5	17.0	15.5	17.0	17.0	17.5	14.5	13.5	14.5	3.0	4.0	4.0	3.5	3.0	7.5	17.5
30	2.5	4.5	2.0	3.0	1.5	1.0	1.0	2.5	3.0	3.5	3.5	4.5	15.0	16.0	19.0	16.0	16.0	14.0	10.5	4.0	1.0	2.0	5.0	3.5	6.5	19.0
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	3.5	4.0	4.0	4.5	4.5	4.5	3.5	2.0	4.0	6.5	7.0	9.5	10.0	11.0	12.0	12.5	12.0	11.5	9.5	7.5	6.5	5.5	4.5	3.5	7.0	( )

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 3
JULY,1975
AEROVIRONMENT INC.

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*                    *
*  PRELIMINARY DATA  *
*  AS OF 02 OCT 75   *
*                    *
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*                    *
*     Subject To     *
*      Revision      *
*                    *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.5	6.0	5.5	3.0	2.5	2.0	1.0	3.0	4.0	3.5	4.0	5.0	17.0	12.0	17.5	16.5	15.0	13.5	13.5	11.0	3.0	3.0	4.5	5.0	7.5	19.0
2	5.0	5.5	5.0	2.0	1.0	2.0	4.0	3.5	4.0	4.5	6.0	5.0	6.5	6.5	8.5	7.5	13.0	3.5	11.5	9.5	9.5	6.0	7.5	4.5	6.0	13.0
3	7.5	5.0	1.0	2.5	4.0	2.5	3.5	2.0	5.0	5.0	10.0	6.0	5.5	10.5	10.5	9.0	7.5	6.0	7.5	11.0	12.5	2.5	3.0	3.5	6.0	12.5
4	3.5	4.0	3.0	2.5	3.5	2.0	1.5	2.0	4.0	5.0	6.0	7.0	9.0	8.5	10.0	9.5	7.0	9.5	13.0	9.5	8.5	7.0	6.0	3.5	6.0	13.0
5	3.0	6.5	11.5	3.5	2.0	3.0	3.5	4.5	5.5	4.5	5.0	9.5	5.5	7.0	8.0	9.5	9.5	7.0	5.0	11.5	22.5	16.0	11.0	3.5	7.5	22.5
6	6.0	7.5	6.5	4.0	5.0	3.5	3.5	3.0	5.0	5.5	6.0	6.0	5.5	5.5	6.5	7.5	5.5	6.5	7.5	6.5	7.0	3.0	4.5	2.0	5.5	7.5
7	1.5	2.0	4.5	4.0	4.0	3.5	3.0	4.5	3.0	4.5	5.0	5.5	5.0	6.5	10.0	9.5	13.0	3.5	10.0	9.5	3.0	7.5	2.5	7.0	6.5	13.0
8	7.0	5.0	8.5	9.5	9.5	3.5	1.0	5.5	7.0	7.5	7.0	5.5	5.0	6.0	5.5	10.0	12.5	11.0	9.0	6.0	10.0	5.0	4.5	4.0	7.0	12.5
9	2.5	4.0	3.0	1.0	1.0	2.0	1.0	5.5	6.5	5.0	4.0	4.5	7.0	[illegible]	15.0	3.0	5.5	6.0	11.0	13.0	6.0	4.0	10.5	13.5	6.0	15.0
10	8.5	10.0	6.5	6.5	4.0	3.5	[RF]	[RF]	[RF]	[RF]	10.0	9.5	9.5	10.5	10.5	10.0	8.0	6.5	12.5	8.0	7.0	8.5	4.5	5.5	8.0	12.5
11	6.0	7.0	6.0	4.0	3.5	2.0	2.5	4.0	7.0	12.0	[RF]	[RF]	[RF]	12.0	8.0	9.0	9.0	11.0	4.5	5.5	13.0	14.0	10.0	8.0	7.5	14.0
12	11.0	11.0	7.5	7.0	5.0	4.0	5.0	7.5	8.0	7.0	5.0	6.5	9.5	6.0	7.0	7.5	7.0	6.0	3.0	12.5	9.5	4.0	1.0	2.0	6.5	12.5
13	2.0	2.5	1.0	1.0	1.0	4.5	5.5	[illegible]	9.5	10.0	9.5	12.0	5.0	6.5	13.5	9.0	11.0	12.0	12.0	9.0	2.0	2.0	2.0	1.0	6.5	13.5
14	1.5	4.5	5.0	3.0	5.5	5.0	3.0	3.5	3.5	5.5	4.0	6.0	7.0	7.5	7.5	6.0	6.5	9.5	17.0	9.5	3.5	3.5	5.0	5.0	5.5	17.0
15	6.5	5.0	6.0	4.0	2.0	3.5	5.0	4.5	3.5	5.0	5.5	7.5	4.5	7.0	5.0	8.5	7.0	3.5	5.5	2.5	4.5	3.0	3.5	5.5	5.0	8.5
16	8.5	7.5	3.0	2.0	6.0	2.5	1.0	2.5	5.0	4.5	3.5	7.0	6.0	9.5	10.0	11.0	11.0	5.0	6.0	8.5	6.5	5.0	2.0	2.0	5.5	11.0
17	2.0	2.5	1.0	3.5	1.5	1.0	1.0	1.0	1.5	3.5	4.5	4.0	7.5	12.0	16.0	14.0	12.5	7.5	6.5	4.5	1.5	1.0	1.0	2.0	4.5	16.0
18	2.5	3.0	3.5	2.0	2.0	3.0	1.0	6.0	3.0	5.5	5.0	6.0	6.0	8.0	5.5	6.5	7.5	5.5	4.0	2.5	6.0	13.5	6.5	7.5	5.0	13.5
19	4.5	4.5	3.0	2.0	3.0	4.0	3.5	3.5	3.5	4.5	5.0	5.5	7.0	5.5	7.0	8.0	5.5	5.5	5.5	5.0	5.5	3.5	5.5	5.5	5.0	8.5
20	5.5	6.0	6.0	5.5	6.0	4.5	2.5	3.5	4.0	4.5	5.5	5.5	6.5	6.5	6.0	5.5	6.0	6.5	7.0	6.5	7.5	4.0	7.0	10.5	6.0	10.5
21	8.0	4.0	5.0	5.0	4.5	4.0	3.5	4.0	5.0	7.0	7.5	6.5	5.5	5.5	7.0	10.0	11.5	11.0	7.0	4.5	1.5	2.0	2.0	3.5	6.0	12.0
22	3.5	5.5	3.5	4.0	3.5	6.5	4.0	2.0	4.0	3.5	4.5	5.0	9.5	6.5	4.5	6.5	7.5	7.5	9.5	9.0	11.0	9.5	3.5	3.0	6.0	11.0
23	4.0	4.0	1.5	2.5	2.5	1.5	1.0	1.0	3.0	4.0	4.5	5.5	6.5	7.0	6.5	6.5	14.0	7.0	6.0	6.0	6.0	6.5	9.0	6.5	5.0	14.0
24	3.0	1.0	2.0	3.5	3.0	5.0	1.0	1.5	2.5	4.0	5.5	6.0	6.5	6.0	8.0	9.5	6.5	9.5	8.5	7.0	7.0	4.5	5.0	5.5	5.0	9.5
25	1.5	2.0	4.0	4.0	2.5	5.5	4.5	1.5	3.0	4.0	4.0	4.5	7.5	10.5	7.0	6.0	12.5	9.0	9.5	7.5	9.5	5.0	2.5	3.5	5.5	12.5
26	4.0	3.0	3.0	4.0	4.0	4.5	1.5	2.5	4.0	4.0	4.5	5.0	7.5	7.0	7.0	7.5	6.5	9.0	9.5	3.0	4.0	5.5	3.0	4.0	5.0	9.5
27	4.0	3.5	3.0	1.5	3.0	2.5	2.5	2.0	3.0	4.0	4.0	6.0	6.5	7.0	8.0	10.0	11.5	3.5	7.5	5.5	1.0	3.0	5.5	6.0	5.0	11.5
28	5.0	2.0	1.5	2.0	1.5	3.0	1.0	1.0	3.0	5.5	7.0	9.0	10.0	11.0	13.0	9.5	13.5	12.0	11.0	9.5	7.5	3.0	3.0	3.5	6.0	13.5
29	5.5	2.5	4.5	3.5	3.5	3.5	4.5	5.0	6.0	5.5	5.5	6.0	5.5	5.5	5.0	4.5	10.5	16.5	12.5	5.5	6.5	7.0	3.5	2.5	6.0	16.5
30	4.5	2.0	2.0	1.5	1.5	2.0	4.5	4.0	4.5	5.0	6.5	6.0	6.0	5.0	4.5	5.0	3.0	14.0	12.0	7.0	1.5	2.5	2.0	3.0	5.0	14.0
31	6.0	11.0	6.5	6.0	6.0	2.5	1.0	[illegible]	3.5	3.5	7.0	9.5	8.0	7.0	7.0	7.5	9.0	7.5	15.5	7.5	3.0	4.0	7.5	2.5	6.5	15.5
AV	5.0	5.0	4.5	3.5	3.5	2.5	2.5	3.0	4.5	5.0	5.5	6.5	7.0	8.0	8.5	8.5	9.5	8.5	9.0	7.5	7.0	6.0	5.0	4.5	6.0	[-]

WIND DIRECTION - 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* 15 OF 15 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	240	270	50	310	345	225	225	330	305	290	310	270	300	15	305	255	260	225	305	350	315	230	210	240	15
2	5	325	340	345	345	355	55	30	0	360	320	55	345	265	140	265	50	315	275	155	30	330	345	305	16
3	105	[illegible]	345	[illegible]	330	[illegible]	345	345	330	305	330	320	350	130	205	10	35	220	235	230	155	115	205	175	11
4	250	315	305	95	100	145	305	45	45	325	0	0	320	320	10	330	340	270	330	295	325	305	330	305	15
5	260	325	50	35	100	75	70	245	185	175	245	200	260	195	90	5	320	270	245	135	150	150	200	231	[VA]
6	135	50	25	270	130	145	210	65	345	20	15	345	225	165	75	325	220	130	220	60	55	235	45	130	16
7	145	150	45	350	60	255	120	335	305	290	330	0	10	30	70	340	65	315	50	45	15	30	60	165	[VA]
8	355	135	250	235	245	300	20	25	185	290	55	130	200	120	5	305	340	275	295	350	230	330	300	250	[VA]
9	205	[illegible]	275	245	290	290	0	340	345	15	300	345	300	335	300	330	10	345	110	155	215	240	210	205	[VA]
10	105	100	235	220	320	100	345	340	310	220	270	205	205	170	115	195	230	220	330	245	215	215	330	185	11
11	215	345	160	245	300	240	300	25	315	310	325	345	60	345	30	100	265	170	40	245	350	5	355	350	[VA]
12	345	350	345	310	350	25	120	345	150	130	100	175	250	310	285	200	305	270	300	350	0	320	45	155	[VA]
13	120	320	225	255	305	215	305	240	320	345	300	200	315	265	5	245	275	110	130	70	65	55	5	265	15
14	200	205	230	300	190	215	220	240	325	305	0	20	160	150	250	245	285	265	210	130	170	170	130	295	9
15	235	175	230	335	145	350	295	10	340	30	310	220	330	260	200	205	285	110	350	10	250	330	225	135	[illegible]
16	215	115	265	265	245	205	210	30	30	270	310	60	310	240	95	145	175	340	345	15	200	240	335	15	2
17	305	315	260	260	220	265	330	275	275	320	330	350	310	315	325	310	260	310	315	325	315	225	230	270	13
18	240	155	255	265	105	100	205	175	110	255	230	25	335	205	300	35	275	330	345	355	305	225	290	305	14
19	265	315	230	15	160	235	165	30	235	245	335	300	350	330	30	335	340	345	340	360	330	250	300	150	15
20	300	315	40	325	315	325	280	355	255	265	265	285	240	315	225	235	290	235	250	70	330	170	275	175	[VA]
21	130	255	305	315	305	355	255	305	335	320	240	345	170	200	275	275	170	130	305	200	300	130	230	330	15
22	325	215	235	260	[illegible]	[illegible]	[illegible]	200	305	200	240	275	355	270	200	275	155	30	225	190	230	155	135	130	[VA]
23	175	115	160	265	245	220	275	30	190	5	250	300	360	15	265	5	105	335	305	310	145	115	331	255	13
24	265	345	145	260	310	200	340	315	315	250	155	270	170	245	235	330	130	245	160	60	200	95	225	330	16
25	270	230	10	330	0	315	40	70	235	335	25	340	90	210	335	290	175	130	125	170	220	125	70	175	9
26	200	330	350	270	255	350	295	5	205	330	290	190	160	160	245	190	270	235	310	290	320	15	175	175	9
27	[illegible]	[illegible]	300	[illegible]	[illegible]	315	70	315	300	350	310	320	315	175	130	190	260	230	245	225	220	135	225	250	15
28	270	255	20	300	255	335	340	245	270	270	310	275	210	225	255	345	340	5	330	285	220	230	195	200	[VA]
29	160	240	285	55	215	260	260	210	150	260	315	335	200	295	240	285	355	355	290	235	275	250	230	240	12
30	105	70	145	35	220	305	115	110	265	315	220	255	355	50	340	260	320	325	10	70	280	290	265	190	13
31	180	255	160	315	340	270	320	310	305	160	270	345	95	130	25	5	240	175	210	305	245	180	215	265	15
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	160	170	250	275	275	335	75	65	35	60	65	260	220	320	5	25	25	105	110	75	90	30	225	230	[VA]
2	235	300	240	335	310	225	325	335	340	335	15	305	250	65	105	250	275	5	15	55	95	5	300	295	16
3	270	220	215	270	265	245	325	300	45	295	195	5	265	220	15	300	25	305	335	260	275	120	5	30	[VA]
4	165	135	270	305	210	250	340	55	320	255	10	35	205	15	270	300	200	305	90	90	110	330	200	120	14
5	270	125	265	220	310	320	215	300	340	315	340	325	265	270	250	275	200	240	215	230	200	130	100	250	13
6	285	185	255	230	200	160	250	35	325	345	340	335	65	130	325	100	250	55	140	230	225	135	130	200	9
7	175	150	215	205	215	5	100	80	335	155	250	130	110	125	350	260	275	95	35	295	140	335	275	295	13
8	10	210	170	250	270	230	165	190	205	320	230	0	130	135	320	330	225	325	290	195	185	160	170	135	9
9	265	230	240	330	315	220	280	270	290	240	135	200	220	240	275	330	10	155	255	20	275	255	175	215	13
10	350	180	210	155	245	20	75	240	240	220	265	260	225	310	340	260	330	250	340	305	150	175	200	325	12
11	170	35	155	155	270	155	250	210	220	275	330	205	265	275	10	155	300	350	15	40	5	135	315	260	13
12	325	105	100	145	230	210	200	15	190	220	340	205	270	355	5	20	310	125	190	270	205	265	225	200	10
13	215	165	300	205	165	260	355	25	315	335	10	20	65	75	60	350	315	345	350	65	20	245	135	215	1
14	255	230	340	350	205	205	155	330	100	155	290	305	300	230	275	305	300	335	325	355	0	345	245	300	14
15	150	260	310	315	215	165	325	300	340	305	345	300	270	20	325	345	310	305	125	335	260	200	255	30	15
16	305	150	150	295	175	260	255	240	5	105	295	325	310	310	195	225	65	310	320	135	200	225	60	0	15
17	4	270	300	170	135	120	220	275	5	310	25	330	35	305	80	250	260	255	215	200	275	200	190	255	13
18	295	350	220	235	290	260	260	275	340	60	120	20	195	180	80	330	175	110	350	310	205	200	175	120	0
19	165	65	70	260	225	220	225	260	310	210	215	240	220	100	225	205	40	345	45	35	210	130	215	230	11
20	145	25	65	210	200	300	345	295	135	270	275	240	265	255	290	270	300	215	250	45	15	325	120	250	[VA]
21	100	105	250	225	275	170	165	200	255	270	45	105	250	260	310	345	315	330	330	175	185	200	250	160	15
22	210	175	250	55	155	190	140	295	315	270	340	245	335	30	280	225	10	275	340	290	215	285	135	240	[VA]
23	140	0	130	150	240	175	165	10	100	260	115	200	315	310	310	315	290	150	235	310	225	50	130	225	15
24	220	270	215	340	270	150	190	310	40	0	320	340	335	10	30	345	335	350	310	285	300	300	200	350	16
25	345	350	350	345	340	305	350	325	330	330	330	330	270	330	350	335	315	300	245	350	350	325	245	285	15
26	245	170	160	245	230	210	200	350	30	[VA]	345	260	175	325	250	290	250	215	120	50	180	175	240	240	12
27	160	[illegible]	220	160	225	215	265	10	330	300	345	100	310	345	325	300	300	5	330	290	215	335	145	100	[VA]
28	230	305	315	175	215	210	265	230	30	335	315	70	265	335	180	295	275	335	325	310	335	345	200	175	15
29	250	25	210	350	130	215	55	330	255	350	205	345	345	355	340	315	310	250	275	335	305	185	205	100	15
30	215	235	170	210	180	275	200	255	325	355	195	265	10	325	10	340	355	320	310	135	225	230	225	130	[VA]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[VA]
24	11	9	[VA]	[VA]	[VA]	11	12	13	16	15	16	16	13	10	1	16	15	[VA]	15	[VA]	11	9	9	[VA]	[VA]

WIND DIRECTION 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1975

AEROVIRONMENT INC.

****
PRELIMINARY DATA
AS OF 02 OCT 75
****
Subject To
Revision
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	215	210	220	155	210	240	290	310	345	315	350	320	20	220	350	305	300	200	355	35	30	275	235	170	15	
2	190	250	225	220	205	170	245	315	340	200	60	270	65	240	255	165	205	260	35	340	225	245	245	190	12	
3	305	210	120	65	220	190	50	315	315	320	160	330	100	245	210	135	95	300	220	150	240	125	175	130	[VA]	
4	255	335	195	165	250	130	40	185	295	330	320	295	160	25	300	335	205	320	260	250	265	255	255	250	12	
5	255	210	220	265	30	125	245	175	170	275	200	260	250	350	165	100	240	55	15	220	220	180	215	80	[VA]	
6	5	255	235	220	235	205	185	245	270	145	[illegible]	200	210	240	120	230	200	155	200	295	305	230	215	195	[VA]	
7	170	40	245	335	210	195	300	310	210	195	[illegible]	10	215	220	250	240	240	200	200	200	240	225	150	255	[VA]	
8	170	345	340	240	250	275	260	205	270	245	215	240	235	220	225	210	245	250	140	245	225	205	230	225	[VA]	
9	275	305	175	260	190	150	200	135	250	210	225	230	300	345	315	260	200	320	235	230	215	165	150	125	[VA]	
10	70	215	205	195	125	220	[PF]	[PF]	[PF]	[PF]	70	60	335	300	175	310	290	245	245	270	215	240	245	230	12	
11	225	230	215	[VA]	235	220	205	[illegible]	230	215	[PF]	[PF]	[PF]	170	335	155	245	205	145	155	215	200	200	175	11	
12	190	155	80	165	140	165	195	215	160	135	195	250	100	230	265	210	195	175	150	300	325	250	60	0	9	
13	250	170	160	165	50	265	265	295	245	190	225	260	165	280	355	345	65	90	195	220	175	200	230	325	13	
14	260	110	155	155	205	200	175	235	175	205	270	225	320	200	85	265	270	240	310	315	300	240	205	175	13	
15	260	330	60	265	195	195	260	200	215	235	205	195	215	35	255	190	225	95	205	150	125	325	50	235	11	
16	190	240	155	175	160	205	160	165	225	240	185	245	255	275	240	345	205	170	225	220	210	210	235	250	9	
17	150	270	205	220	175	195	195	170	170	175	300	275	250	275	245	220	310	275	235	100	345	220	255	255	9	
18	205	115	120	25	265	220	160	205	275	245	155	190	305	210	345	350	315	310	350	235	200	240	230	170	10	
19	195	[illegible]	240	125	210	255	245	240	285	300	225	205	205	290	235	280	240	210	210	205	215	230	195	350	10	
20	270	230	165	265	320	200	250	260	185	205	215	235	230	240	325	245	215	220	220	240	215	250	195	190	11	
21	215	105	200	225	195	210	275	265	225	215	230	210	205	250	210	195	270	245	310	5	315	140	290	190	10	
22	210	5	305	195	230	245	120	135	250	240	220	130	160	265	260	60	120	115	35	270	220	320	45	225	11	
23	160	205	170	60	230	255	270	215	305	225	270	260	75	310	310	220	220	320	265	205	190	230	135	210	13	
24	35	250	305	210	195	205	245	195	300	270	100	200	345	215	260	265	240	200	30	260	255	250	170	255	12	
25	160	250	125	100	275	45	235	220	255	275	195	150	190	195	185	230	50	295	210	125	155	135	275	340	10	
26	20	95	115	205	335	315	225	195	230	190	285	300	40	300	95	125	235	130	215	30	325	170	180	250	11	
27	75	220	245	0	245	215	235	240	155	260	235	235	225	255	170	275	280	170	335	230	200	220	280	270	11	
28	265	130	265	205	150	125	125	250	280	265	140	235	100	275	265	220	230	230	275	215	100	260	[VA]	210	13	
29	230	255	235	250	195	145	220	210	200	245	215	225	210	230	220	200	240	230	215	240	240	130	270	245	11	
30	165	160	210	230	140	135	175	160	190	210	255	195	230	215	170	215	75	255	10	345	230	225	115	190	11	
31	270	150	50	340	280	335	210	260	240	245	210	190	115	255	220	155	175	25	115	125	0	240	225	135	[VA]	
DY	[VA]	[VA]	10	10	10	10	[VA]	[VA]	[VA]	12	11	[VA]	11	13	12	13	12	12	11	11	11	12	[VA]	9	[VA]	

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.5	3.0	5.0	3.0	3.0	6.5	4.5	4.0	4.0	5.5	6.0	7.5	6.5	9.5	8.5	10.5	15.5	14.0	8.5	4.0	6.0	7.5	8.5	6.0	6.5	15.5
2	2.0	2.0	2.5	3.5	2.0	3.5	4.5	5.5	4.0	5.0	5.5	5.5	10.0	10.0	11.0	8.0	9.5	8.5	6.0	2.5	8.0	10.5	5.5	7.0	6.0	11.0
3	8.5	7.5	3.0	4.5	4.0	3.0	4.5	4.0	5.0	5.5	7.0	7.0	13.5	12.0	12.5	13.5	14.0	14.5	11.0	9.5	12.5	10.5	11.5	11.0	8.5	14.5
4	11.5	12.5	9.5	12.5	8.0	9.5	9.5	13.0	17.5	17.0	16.0	18.0	14.5	15.0	17.0	16.5	14.5	15.5	13.5	13.5	19.0	17.0	15.0	7.5	14.0	19.0
5	3.0	3.0	4.0	3.5	5.0	5.0	5.5	4.0	5.5	3.5	6.0	8.0	9.5	7.5	9.0	5.5	9.0	8.0	5.0	8.0	8.0	3.0	6.5	7.0	6.0	9.5
6	8.5	9.0	8.5	10.5	10.0	9.5	9.5	9.5	10.0	12.5	13.0	14.0	13.0	13.5	13.0	17.0	16.5	14.5	13.0	12.5	9.5	13.5	13.5	16.5	12.0	17.0
7	12.5	12.0	13.5	14.0	12.0	12.0	11.5	11.5	12.0	12.5	13.5	14.0	13.0	16.0	16.0	18.5	17.5	14.0	10.5	12.5	15.0	8.5	7.0	4.0	12.5	18.5
8	4.5	7.0	6.5	6.0	3.5	3.0	3.0	4.0	7.0	7.5	10.5	11.0	13.0	9.0	11.5	11.5	7.5	6.5	5.5	5.5	6.5	12.0	4.0	9.0	7.5	13.0
9	10.0	9.5	9.0	5.0	10.0	3.5	2.0	4.0	4.5	5.0	5.0	6.0	10.0	8.5	3.5	9.5	16.5	7.0	2.5	5.5	5.5	5.5	13.0	13.0	7.0	16.5
10	9.5	4.5	4.0	2.5	2.5	2.5	4.0	4.0	6.0	4.0	4.0	5.5	7.5	13.5	10.5	9.5	8.5	5.0	4.0	4.5	7.0	7.0	7.5	5.5	6.0	13.5
11	5.5	4.5	3.0	2.5	3.0	4.0	4.0	3.0	3.5	5.0	5.0	5.0	7.5	8.5	6.5	7.5	16.0	14.5	10.0	8.5	9.0	11.0	17.0	23.5	8.0	23.5
12	23.5	21.0	21.0	25.0	17.0	13.5	10.5	13.0	14.5	9.0	7.0	7.5	9.0	7.5	9.0	7.0	6.5	11.5	10.0	5.5	5.5	7.0	3.0	4.0	11.0	25.0
13	4.5	2.0	5.5	4.0	3.5	7.0	3.5	6.0	6.0	5.5	6.5	7.0	6.0	6.0	5.5	6.0	5.5	4.5	6.0	5.0	5.5	8.0	11.0	13.5	6.0	13.5
14	12.0	6.0	4.0	4.0	3.0	3.0	4.0	4.5	5.0	4.5	4.5	5.5	7.0	7.0	8.5	7.5	4.5	3.0	5.5	5.5	7.0	6.5	9.5	7.0	6.0	12.0
15	8.0	3.0	2.5	2.5	4.5	3.5	5.0	3.0	3.5	4.5	5.0	7.5	6.0	10.5	8.5	8.0	8.5	10.0	6.0	11.0	9.0	8.0	10.0	9.0	6.5	11.0
16	7.0	8.5	5.0	6.5	4.0	3.0	3.5	5.0	7.5	9.5	10.0	9.0	11.0	10.5	8.5	18.0	12.5	21.5	11.0	5.5	6.0	8.5	10.0	6.5	8.5	21.5
17	5.0	7.5	7.0	4.0	5.5	5.5	5.0	4.5	6.0	6.0	8.5	9.5	9.0	8.0	7.0	13.5	11.0	8.0	5.0	5.0	6.0	7.0	8.0	7.0	7.0	13.5
18	5.0	3.5	8.0	2.5	4.5	6.5	7.5	6.5	10.0	8.0	10.0	12.0	12.5	12.0	11.5	13.0	12.0	14.5	13.5	9.0	11.5	12.0	9.5	4.0	9.0	14.5
19	4.0	4.0	3.5	5.0	4.5	4.0	4.0	7.0	11.0	9.5	6.0	8.5	17.5	17.0	15.0	14.5	12.5	12.0	13.0	14.0	14.5	11.5	6.5	5.0	9.5	17.5
20	12.0	17.0	10.5	5.0	5.5	10.0	5.5	8.0	7.5	3.5	9.5	15.5	12.5	15.5	12.0	5.5	5.0	12.5	14.0	16.0	12.0	4.0	7.0	6.5	9.5	17.0
21	5.0	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	11.5	10.0	10.0	11.5	9.5	9.0	10.5	6.0	9.0	9.0	7.0	6.0	4.0	8.5	11.5
22	4.0	6.0	5.5	3.5	3.0	3.0	3.0	4.5	6.0	5.5	5.5	9.0	8.0	13.0	11.5	5.5	6.0	7.0	7.0	5.5	6.5	5.5	7.0	2.0	6.0	13.0
23	3.5	4.5	4.0	3.5	3.0	4.5	6.0	4.5	7.0	9.0	11.5	11.5	13.0	12.5	10.5	10.0	9.5	8.5	12.0	7.5	6.5	8.0	4.5	6.0	7.5	13.0
24	6.5	6.0	7.5	6.5	5.0	7.0	3.5	5.0	4.5	6.5	7.5	13.0	15.5	14.5	16.0	17.0	17.0	13.5	10.0	11.0	11.0	13.0	11.5	10.0	10.0	17.0
25	6.0	8.0	19.0	16.5	18.5	10.5	10.5	13.5	12.0	5.0	9.5	13.0	12.5	12.0	8.5	7.0	7.0	7.5	5.0	3.5	3.5	5.0	12.0	8.5	10.0	19.0
26	7.5	6.5	5.5	8.0	7.5	5.0	4.5	4.5	4.0	4.5	7.0	6.5	8.0	7.5	6.5	5.5	5.5	6.0	3.5	5.0	5.0	8.0	5.0	9.0	6.0	9.0
27	10.5	13.5	9.0	7.0	5.0	3.5	5.0	4.0	3.5	5.0	5.0	6.5	10.0	5.5	7.0	9.0	19.0	19.0	13.0	4.0	4.0	3.0	4.0	5.5	7.5	19.0
28	8.0	5.0	3.5	6.0	6.0	6.0	5.5	4.0	6.5	7.5	5.5	4.0	6.0	10.5	10.0	8.5	17.0	14.5	13.0	10.5	9.5	7.0	4.5	4.5	7.5	17.0
29	6.5	5.5	4.5	4.0	5.0	14.5	16.0	16.5	13.5	13.0	16.5	16.0	17.5	20.5	17.0	17.5	15.5	11.0	8.0	6.0	4.5	7.0	3.5	4.5	11.0	20.5
30	3.5	9.5	4.5	3.0	2.5	3.0	4.0	3.5	4.0	4.5	4.5	5.5	4.5	5.5	6.5	5.0	5.0	4.0	3.5	4.0	5.5	7.5	4.0	5.0	4.5	9.5
31	5.0	4.5	5.5	6.0	4.5	7.0	8.0	3.0	4.5	3.5	4.0	5.0	6.0	7.0	9.0	7.0	5.5	4.5	12.5	8.5	7.0	8.0	3.5	2.5	6.0	12.5
AV	7.5	7.0	7.0	6.5	6.0	6.0	6.0	6.0	7.0	7.0	8.0	9.0	10.5	11.0	10.5	10.5	11.0	10.5	8.5	7.5	8.0	8.5	8.0	7.5	8.0	( )

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.0	6.0	5.0	3.0	3.0	5.5	6.5	6.0	7.0	5.5	5.0	5.5	6.0	7.0	5.0	5.5	6.5	4.5	6.0	4.0	6.0	6.5	7.0	7.5	5.5	7.5
2	3.5	5.5	3.5	3.5	2.0	2.0	4.5	4.5	6.0	6.0	6.0	5.5	5.5	6.0	4.5	10.0	7.5	6.0	4.0	7.0	6.5	5.5	5.0	7.5	5.5	10.0
3	5.5	5.0	2.5	4.5	5.5	8.0	6.0	5.5	6.0	3.5	5.5	6.0	8.5	20.0	22.0	24.0	10.5	5.0	8.5	15.0	16.0	6.5	7.5	9.0	9.0	24.0
4	6.0	4.0	7.0	6.0	5.5	6.0	7.0	6.0	4.5	4.0	5.0	5.0	7.5	7.0	6.0	6.5	5.5	6.0	4.0	4.0	6.0	8.5	7.5	7.5	6.0	8.5
5	6.0	4.5	4.5	2.5	6.5	8.0	4.0	5.0	6.0	5.0	5.0	5.5	7.5	6.5	7.5	6.5	6.0	4.5	4.0	3.0	6.5	7.5	8.5	5.5	5.5	8.5
6	4.0	3.5	6.0	2.5	6.0	5.5	4.0	4.0	5.0	4.5	6.0	7.0	9.5	9.5	8.5	7.5	6.0	5.0	3.0	4.5	5.5	9.0	7.0	5.0	6.0	9.5
7	7.0	8.0	6.0	4.5	6.0	8.5	4.0	8.0	11.0	12.0	8.5	9.0	10.0	13.5	6.5	7.5	15.0	13.5	10.5	8.5	6.0	10.5	6.0	3.5	8.5	15.0
8	4.0	4.0	3.0	4.0	7.0	7.0	6.5	3.5	4.0	5.5	4.0	7.0	11.0	15.0	11.0	13.5	13.5	14.0	14.0	7.5	6.5	4.0	6.0	6.5	7.5	15.0
9	5.0	8.0	8.0	9.5	9.0	5.5	7.0	8.0	10.5	10.0	11.5	9.0	7.5	12.0	16.0	21.5	14.0	7.0	6.5	4.5	2.0	2.5	3.5	4.0	8.5	21.5
10	5.5	6.0	5.5	6.5	4.0	3.0	3.0	4.0	5.0	5.5	10.0	13.0	11.0	12.5	10.5	9.5	9.0	7.0	5.0	7.0	9.0	9.0	4.0	2.5	7.0	13.0
11	2.0	2.5	4.5	8.5	4.5	5.5	6.5	6.5	5.0	6.0	6.0	8.5	8.0	9.0	9.0	10.5	11.0	9.0	7.0	5.0	9.0	10.0	11.0	8.0	7.0	11.0
12	5.5	7.0	4.0	3.0	6.0	5.5	6.0	4.5	5.0	6.0	6.5	6.0	6.5	10.5	8.0	14.0	11.5	11.5	9.0	7.5	11.0	12.0	10.5	6.5	7.5	14.0
13	5.0	4.5	4.5	3.0	4.5	5.5	3.5	3.0	3.5	4.0	8.5	14.5	13.5	16.0	17.0	16.5	20.5	19.0	17.0	13.0	6.5	6.5	8.0	5.0	9.5	20.5
14	8.0	12.5	17.5	21.0	10.0	4.0	4.5	9.0	10.5	10.5	14.5	17.0	17.0	17.0	17.0	18.0	19.5	20.5	20.5	20.0	18.5	16.5	9.0	2.5	14.0	21.0
15	3.0	8.0	7.5	4.5	4.5	3.5	4.0	5.0	10.0	8.5	10.5	13.5	17.0	19.0	21.5	17.5	20.0	18.0	16.5	8.0	6.5	7.0	10.0	6.5	10.5	21.5
16	7.5	4.5	7.0	8.5	5.0	5.0	4.0	7.0	9.0	11.5	12.5	13.5	15.0	20.5	24.0	22.5	22.0	22.0	20.5	16.0	8.5	4.0	3.5	7.5	11.5	24.0
17	7.5	9.0	7.5	8.5	8.0	4.5	7.0	6.5	4.0	7.0	7.5	6.0	5.5	5.5	6.0	5.5	7.5	10.0	9.0	8.5	8.0	15.0	11.0	6.5	7.5	15.0
18	9.0	7.5	8.0	10.5	8.0	9.0	8.5	9.0	13.0	16.5	15.0	11.0	4.5	6.5	13.0	14.5	11.0	11.0	14.0	11.0	7.5	6.5	4.5	4.0	9.5	16.5
19	3.5	3.5	2.5	3.5	4.0	5.5	6.0	4.5	10.0	8.5	14.5	15.0	10.0	9.5	17.0	15.0	11.5	11.5	12.0	5.5	6.0	6.5	7.5	8.0	8.5	17.0
20	5.5	4.0	3.5	3.0	6.0	5.5	4.0	7.0	4.0	3.0	8.5	10.0	12.0	10.0	14.0	16.5	13.5	11.0	8.5	6.0	3.5	5.5	6.5	7.0	7.5	16.5
21	7.5	4.5	3.0	5.5	2.5	2.5	5.0	5.0	5.0	5.5	7.0	10.0	7.5	11.5	9.5	10.0	8.5	8.0	5.0	4.5	6.0	8.5	8.5	6.5	6.5	11.5
22	7.5	6.0	7.0	8.0	6.5	3.5	4.0	3.5	4.5	5.5	7.0	6.5	4.5	5.5	4.5	7.0	8.5	6.0	6.0	4.5	4.5	9.0	10.0	9.0	6.0	10.0
23	5.0	8.0	10.5	11.0	8.5	8.0	8.0	5.0	3.5	5.0	5.0	5.5	14.0	7.5	7.0	8.5	4.0	3.0	3.0	3.5	5.0	7.5	8.0	7.5	6.5	14.0
24	9.5	13.0	10.5	6.0	6.0	5.0	5.0	8.0	9.0	14.0	13.0	16.0	15.5	16.0	16.0	15.5	16.5	12.5	12.0	8.5	11.0	11.5	9.5	7.5	11.0	16.5
25	10.5	9.5	10.5	8.5	11.0	16.0	13.5	11.0	15.0	14.0	18.5	15.0	9.5	9.0	17.0	19.5	22.5	24.5	23.5	21.0	17.0	14.0	9.0	4.5	14.5	24.5
26	3.0	7.5	9.5	11.0	10.0	9.5	6.0	4.5	7.0	5.5	6.0	6.0	6.5	7.0	5.5	6.0	6.5	5.5	4.5	3.0	4.0	5.0	6.5	7.5	6.5	11.0
27	9.0	10.5	12.0	3.5	3.5	4.0	2.0	3.0	4.0	3.5	6.0	9.5	12.0	12.5	20.5	19.0	18.0	14.0	10.5	10.0	6.5	9.5	11.5	9.5	9.5	20.5
28	6.5	6.0	5.0	6.0	3.0	9.0	5.0	3.5	5.0	4.0	6.0	7.5	7.0	12.5	10.5	13.5	15.0	13.5	10.5	7.0	9.0	10.0	10.5	11.5	8.0	15.0
29	12.0	9.0	4.5	2.0	2.5	3.0	3.0	3.5	4.5	5.0	12.0	11.0	10.0	11.5	13.5	13.5	13.0	10.0	9.5	7.0	9.5	10.5	11.0	11.5	8.5	13.5
30	12.0	7.5	4.5	3.5	2.5	3.0	4.0	2.5	3.5	4.5	6.5	9.0	12.0	12.0	11.5	10.5	9.5	8.5	8.5	6.5	7.0	9.0	11.5	10.5	7.5	12.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	6.5	6.5	6.5	6.0	5.5	6.0	5.5	5.5	6.5	7.0	8.5	9.5	9.5	11.5	12.0	13.0	12.0	10.5	10.0	8.0	8.0	8.5	8.0	7.0	8.0	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

JULY, 1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	11.5	13.0	10.5	13.5	8.0	1.0	6.0	2.5	4.0	5.5	4.0	6.5	12.0	.5	2.0	12.5	12.5	10.0	9.5	8.5	8.0	1.0	8.0	8.0	7.5	13.5
2	12.5	9.5	10.0	4.5	6.5	.5	7.5	7.5	4.5	6.0	6.0	6.5	9.5	1.0	9.5	6.5	8.5	10.5	12.5	14.5	9.5	.5	9.5	9.5	7.5	14.5
3	5.0	7.5	5.0	5.5	5.0	1.0	8.5	10.5	7.5	8.5	8.5	9.5	7.5	1.0	7.5	9.0	13.5	6.0	6.0	4.5	6.5	.5	5.5	6.5	6.5	13.5
4	4.0	3.0	5.0	3.5	4.0	1.0	3.5	1.5	3.5	4.0	5.5	8.5	11.0	1.0	1.0	12.0	9.5	6.5	9.5	6.5	8.0	.5	9.0	8.0	5.5	12.0
5	4.5	4.0	7.5	11.0	7.0	3.0	3.5	4.0	5.0	6.5	5.5	7.5	10.5	10.0	11.0	11.0	8.5	8.0	4.5	7.5	18.0	15.5	10.0	7.5	8.0	18.0
6	3.5	3.0	2.5	5.5	8.0	4.0	6.0	5.5	6.0	6.5	7.0	6.0	7.0	6.0	8.0	7.0	7.5	5.5	7.0	5.0	4.5	4.0	5.0	3.5	5.5	8.0
7	4.0	3.5	7.0	4.0	4.0	4.0	5.5	6.0	4.0	4.5	5.0	6.0	8.0	8.0	8.5	13.0	11.5	11.5	11.5	9.0	7.5	5.0	5.0	9.5	7.0	13.0
8	11.5	4.5	4.5	8.5	5.0	2.5	4.5	4.5	5.0	5.5	6.0	6.5	7.5	7.0	7.5	9.5	9.5	6.5	9.0	11.0	10.0	10.0	6.0	4.5	7.0	11.5
9	4.0	4.0	7.0	8.5	9.5	6.0	8.0	6.5	7.5	7.0	7.5	8.5	9.0	10.5	6.5	7.0	5.5	6.5	10.0	9.5	6.5	5.5	3.0	3.0	7.0	10.5
10	3.5	2.5	4.0	4.5	5.5	7.0	4.0	3.0	4.5	6.0	5.0	7.0	8.0	10.5	11.5	10.5	9.0	8.0	11.0	8.5	3.5	5.5	3.5	6.0	6.5	11.5
11	6.5	5.5	8.0	3.5	3.5	2.5	3.5	4.5	6.0	5.0	6.5	8.5	9.5	10.5	10.5	10.5	10.0	10.5	10.5	5.5	7.5	10.5	3.5	7.0	7.0	10.5
12	6.0	6.5	3.0	3.0	3.0	3.5	3.5	3.5	4.0	5.0	8.0	7.5	9.5	8.0	7.0	8.5	6.0	7.5	7.5	11.5	11.0	8.5	5.5	6.5	6.5	11.5
13	7.0	6.5	5.0	6.5	8.5	7.5	6.0	7.0	8.0	11.5	10.0	14.0	10.5	9.5	13.5	8.0	8.5	12.5	12.0	9.0	5.0	7.5	3.5	3.0	8.5	14.0
14	5.5	8.5	8.0	6.5	10.5	10.5	6.0	4.0	5.0	5.0	5.0	5.5	6.0	6.5	8.0	11.0	8.0	10.5	19.0	13.0	7.5	9.0	8.0	6.5	8.0	19.0
15	8.5	6.5	3.5	3.0	2.5	8.0	8.0	8.0	6.0	7.0	6.0	9.5	6.5	7.5	8.0	8.0	5.0	4.5	2.5	5.5	7.5	4.0	4.0	8.0	6.0	9.5
16	9.0	9.5	10.5	5.5	3.5	3.0	5.5	3.5	11.5	7.5	6.0	10.0	13.5	12.5	9.0	11.5	10.5	5.0	8.0	9.5	11.0	12.5	6.5	6.5	8.5	13.5
17	5.5	3.5	2.5	4.5	5.0	2.5	4.0	5.0	3.5	4.0	5.5	5.5	6.5	15.0	20.0	18.0	15.5	12.0	9.0	5.0	6.0	8.0	10.5	9.5	8.0	20.0
18	5.5	10.5	7.0	2.5	4.0	4.5	3.0	5.5	6.5	5.0	7.0	7.5	8.0	8.0	7.0	7.5	9.0	7.5	5.5	6.0	8.5	7.0	6.0	6.0	6.5	10.5
19	4.5	3.0	3.5	3.5	2.5	2.0	3.5	3.5	4.5	5.5	6.5	8.0	8.0	8.5	7.5	7.0	7.5	6.5	5.5	4.0	3.0	4.0	5.5	6.0	5.0	8.5
20	5.5	3.0	4.5	3.5	2.5	4.5	4.5	3.5	4.5	5.5	5.5	6.0	5.5	10.0	7.5	9.0	12.0	14.0	7.5	5.0	7.5	6.5	6.0	5.0	6.0	14.0
21	6.5	10.0	6.5	4.0	5.5	3.0	4.5	4.0	4.0	6.0	8.5	9.0	7.0	6.0	8.5	21.5	11.0	11.5	6.5	5.5	4.5	4.5	3.5	2.5	7.0	21.5
22	5.0	9.0	4.0	6.5	7.0	9.0	5.0	4.5	4.0	4.5	4.5	6.0	8.0	9.0	6.5	7.0	7.5	7.5	6.0	6.0	5.0	4.5	3.5	5.5	6.0	9.0
23	7.5	5.5	3.5	3.0	5.0	2.5	2.5	3.0	3.5	5.0	5.0	7.0	7.0	9.5	9.5	8.0	9.0	11.0	5.0	5.0	4.0	3.0	3.5	4.5	5.5	11.0
24	3.5	4.0	4.0	3.5	3.0	2.5	2.5	4.5	3.5	6.0	6.0	7.0	8.0	8.5	10.0	8.5	7.5	7.5	8.5	5.5	4.0	2.5	3.5	7.0	5.5	10.0
25	4.5	3.5	6.0	6.5	3.5	3.0	4.0	4.0	4.0	4.0	5.0	7.0	8.5	11.0	9.0	8.0	11.0	9.0	6.5	3.5	9.5	6.0	6.5	5.0	6.0	11.0
26	5.0	4.0	6.0	8.5	5.5	8.0	9.0	4.0	4.5	6.0	6.0	6.5	7.5	7.5	10.0	8.0	7.0	9.0	9.0	3.5	5.5	5.5	9.5	7.0	7.0	10.0
27	4.0	5.5	4.0	4.5	4.0	2.0	5.5	5.0	4.0	5.5	7.0	6.5	7.5	6.5	10.0	8.0	8.5	6.5	5.5	6.0	9.0	10.5	8.5	7.0	6.5	10.5
28	11.5	9.0	4.0	3.0	5.5	5.5	3.0	4.0	5.5	6.0	8.0	9.0	9.5	12.0	10.0	10.0	10.5	10.0	9.0	8.0	8.0	7.5	7.5	8.5	7.5	12.0
29	9.0	9.5	8.5	8.5	9.5	5.0	7.5	8.5	10.0	13.0	8.5	6.0	12.5	8.0	5.5	4.5	13.0	13.0	10.0	5.5	6.5	6.0	6.0	7.5	8.5	13.0
30	7.0	5.5	5.0	3.5	3.5	4.5	6.0	7.0	6.0	8.0	9.0	7.5	10.5	9.0	7.0	7.0	13.5	17.0	10.5	6.5	10.0	11.5	12.5	13.0	8.5	17.0
31	10.5	11.5	12.5	7.0	3.0	3.5	3.0	6.0	6.5	5.0	8.0	10.5	9.0	7.5	4.0	5.5	8.0	7.5	14.5	5.5	8.0	9.0	4.0	2.5	7.0	14.5
AV	6.5	6.5	6.0	5.5	5.5	4.0	5.0	5.0	5.5	6.0	6.5	7.5	8.5	8.0	8.5	9.5	9.5	9.0	8.5	7.0	7.5	6.5	6.0	6.5	7.0	[ ]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	265	290	325	330	260	320	5	255	240	180	125	110	90	285	10	80	100	115	90	350	320	325	315	320	15
2	20	335	260	40	330	305	295	280	160	(VA)	220	110	100	85	90	105	75	95	110	110	90	70	355	290	5
3	310	285	245	275	205	220	290	230	230	170	120	(VA)	65	40	30	30	45	55	35	350	340	345	340	335	(VA)
4	330	330	325	335	320	330	340	340	345	345	340	345	350	345	355	350	345	350	10	35	110	95	95	85	16
5	40	5	25	345	335	330	295	0	135	110	115	115	70	345	280	310	55	85	85	90	50	295	20	45	(VA)
6	50	50	40	40	40	15	35	30	35	50	50	50	60	50	35	50	50	50	75	70	30	25	30	45	3
7	25	25	40	35	30	30	30	20	30	40	35	25	25	40	50	60	60	55	65	70	75	40	25	20	2
8	300	325	10	50	80	30	350	5	60	120	65	70	85	65	85	95	120	100	40	115	325	95	10	320	5
9	320	325	335	0	315	230	210	145	125	130	125	125	300	320	295	85	115	195	175	280	315	320	320	325	15
10	320	45	0	85	255	0	265	240	110	145	180	80	115	105	110	105	115	125	215	280	305	310	295	295	6
11	35	300	255	240	305	345	270	185	200	125	90	140	125	90	180	90	65	60	40	15	0	0	55	95	5
12	85	90	100	80	75	60	60	95	95	100	215	160	195	195	225	215	200	240	250	305	320	300	15	55	5
13	35	330	315	30	340	315	(VA)	290	265	265	210	210	260	140	255	(VA)	130	200	230	280	315	320	310	310	15
14	310	10	305	290	245	270	280	255	225	140	90	100	115	100	95	145	75	85	280	300	310	315	345	275	5
15	20	320	280	230	330	90	265	90	200	230	190	115	150	90	295	135	355	330	310	350	0	310	315	320	15
16	305	320	45	40	355	265	160	95	60	5	30	350	100	115	170	260	275	60	60	25	25	70	10	275	(VA)
17	295	310	320	70	50	310	325	70	120	110	125	100	145	60	225	95	105	100	65	50	350	305	310	295	15
18	5	5	315	0	335	10	5	0	40	355	10	10	15	25	15	355	10	255	290	300	275	60	0	45	1
19	35	355	30	10	25	40	270	340	35	85	125	80	50	40	35	45	20	350	345	350	15	125	240	255	3
20	105	95	95	75	35	250	230	195	95	165	135	60	65	20	110	55	115	105	95	95	95	270	295	285	5
21	290	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	45	65	45	35	0	0	30	0	340	30	95	60	340	(VA)
22	320	330	350	65	10	40	355	175	135	145	175	310	270	105	95	310	335	35	5	340	35	350	320	145	1
23	315	295	260	235	245	295	300	275	55	70	80	90	100	100	85	85	70	70	75	60	75	55	350	25	(VA)
24	340	345	340	345	285	315	320	10	90	105	110	85	70	60	60	60	55	45	35	30	10	340	55	110	16
25	280	160	95	85	85	120	135	130	120	170	220	230	230	215	210	190	120	130	165	140	150	115	95	70	(VA)
26	50	335	320	300	315	285	270	235	185	335	115	115	115	125	150	140	110	205	225	290	290	310	90	85	(VA)
27	105	105	130	295	285	250	260	230	195	130	110	310	340	355	65	125	95	75	30	225	175	185	105	95	6
28	140	145	135	65	65	90	85	80	335	310	335	105	105	230	240	230	215	225	210	200	180	180	210	240	11
29	210	120	125	100	105	220	230	230	230	225	225	225	230	230	220	225	225	210	210	215	250	275	80	70	11
30	170	45	315	30	305	35	75	250	175	115	50	130	80	75	50	60	145	130	335	305	320	315	0	35	(VA)
31	355	350	325	320	0	310	315	225	260	175	145	115	135	130	190	195	165	210	80	0	0	315	45	300	(VA)
PV	15	16	15	3	(VA)	15	13	11	3	7	7	6	(VA)	(VA)	(VA)	5	6	(VA)	4	1	15	15	(VA)	(VA)	(VA)

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	315	340	335	225	285	290	280	250	245	235	240	170	50	120	155	140	240	240	230	255	300	315	310	310	12	
2	215	320	235	350	340	225	265	205	195	120	230	125	135	200	200	165	235	255	230	300	300	310	275	315	11	
3	25	15	315	310	310	300	280	80	105	105	140	175	135	75	75	100	160	140	110	100	100	245	325	290	(VA)	
4	280	325	355	310	340	15	35	55	55	165	150	175	40	90	110	100	140	220	225	255	290	320	30	70	3	
5	330	20	320	350	320	315	60	90	115	85	115	115	120	170	125	105	145	105	85	60	320	315	325	265	(VA)	
6	50	295	15	290	305	350	300	295	225	160	130	90	105	115	120	125	110	130	340	300	310	315	350	355	14	
7	0	25	50	235	335	75	355	100	135	120	120	85	110	125	155	135	110	120	285	295	90	100	60	335	6	
8	335	65	35	95	345	265	125	115	325	165	140	105	85	85	40	60	75	70	105	200	245	180	245	270	4	
9	270	245	250	265	260	275	260	235	235	235	225	220	195	195	185	70	50	20	60	345	350	35	325	335	(VA)	
10	320	325	50	45	330	345	110	110	120	175	215	210	210	225	205	210	80	55	40	295	25	40	340	80	3	
11	285	260	340	320	235	305	310	285	150	120	120	85	65	95	80	85	80	85	75	45	355	345	350	10	5	
12	285	355	235	145	285	320	295	80	130	120	125	100	80	95	120	45	60	80	70	45	15	10	40	0	5	
13	35	335	30	285	300	270	225	180	140	170	100	95	100	90	85	85	95	105	105	100	90	80	65	5	5	
14	10	60	70	80	105	75	60	100	100	95	100	90	95	85	85	90	95	100	95	100	90	85	90	140	5	
15	295	310	315	295	290	265	225	100	100	115	85	100	100	90	100	100	100	100	105	95	60	15	10	80	5	
16	30	70	45	35	0	325	25	75	80	100	105	95	105	100	100	105	105	110	110	110	110	100	5	315	6	
17	300	315	50	265	310	55	85	90	85	100	95	90	120	140	120	205	220	160	245	225	185	230	180	185	5	
18	295	305	5	90	90	105	70	70	105	110	110	100	270	280	290	285	300	345	340	20	100	255	10	320	(VA)	
19	50	285	260	250	55	345	295	25	85	35	355	345	95	105	105	110	130	125	130	135	295	310	320	310	7	
20	325	70	280	50	315	345	100	110	115	120	265	290	290	295	50	85	110	125	115	100	350	300	315	310	6	
21	310	35	105	325	355	95	265	155	170	120	115	100	65	285	340	305	285	300	290	310	315	315	320	295	15	
22	305	310	320	325	340	285	310	180	230	215	180	130	155	130	290	75	265	235	280	295	335	330	345	5	15	
23	290	310	315	320	315	325	340	185	160	225	210	230	130	280	260	255	135	210	235	255	295	315	325	310	15	
24	295	315	340	255	290	275	280	290	320	345	345	10	15	5	350	355	345	355	15	0	340	340	340	310	16	
25	340	340	340	350	345	340	340	340	10	10	55	35	15	45	80	110	100	95	100	90	95	95	90	90	5	
26	350	305	320	320	325	315	275	115	110	140	150	125	155	125	155	120	120	150	180	235	295	340	310	315	15	
27	305	305	305	210	325	60	125	115	215	160	120	110	40	25	60	65	65	40	10	15	0	355	50	45	(VA)	
28	15	85	30	50	310	315	335	105	115	110	110	105	130	30	80	40	55	50	25	5	0	0	330	335	6	
29	335	10	70	105	300	280	75	95	135	205	0	5	20	15	355	25	55	5	30	355	355	345	345	345	1	
30	340	60	70	325	70	105	100	120	175	185	220	10	350	350	345	5	10	20	20	15	0	345	335	335	1	
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	(VA)	
PV	14	15	15	15	15	15	13	5	6	6	6	5	5	5	5	5	5	5	6	5	1	15	15	15	(VA)	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	315	315	315	315	300	95	95	195	115	150	230	350	10	10	10	350	0	355	10	35	30	5	325	320	1	
2	320	305	315	155	60	45	325	100	120	125	125	120	110	125	120	115	105	185	270	270	305	285	325	345	(VA)	
3	15	320	275	300	295	340	325	345	30	35	70	90	235	290	105	175	180	250	305	85	70	310	10	345	15	
4	300	220	315	25	10	305	275	110	145	120	115	105	110	80	5	350	285	295	95	90	80	60	50	305	6	
5	330	130	215	300	345	270	240	120	220	110	140	90	110	100	95	120	150	155	180	195	225	245	250	280	6	
6	95	110	100	310	320	295	300	260	240	200	185	190	195	235	225	245	230	195	170	145	95	60	70	335	(VA)	
7	15	340	330	335	345	345	350	285	145	115	180	155	175	175	170	215	215	220	230	245	325	300	305	280	16	
8	245	315	320	270	300	225	260	230	235	120	90	70	85	140	110	5	265	235	280	285	275	290	25	335	13	
9	320	0	0	355	340	320	335	10	55	55	80	100	85	20	355	0	55	100	65	240	285	280	230	265	1	
10	280	280	5	300	290	315	355	125	175	235	240	175	195	215	225	215	220	215	235	245	170	220	240	265	11	
11	265	280	305	125	75	165	280	105	115	150	230	210	205	210	220	235	240	215	120	85	210	230	245	235	11	
12	255	315	300	305	260	280	250	230	220	205	135	150	195	155	155	235	215	235	340	25	35	20	5	35	11	
13	10	5	345	10	345	345	345	0	35	50	45	55	60	65	75	25	35	80	90	95	340	315	15	0	(VA)	
14	305	335	330	320	315	320	50	110	130	140	135	130	120	140	105	65	95	110	100	310	310	315	310	305	15	
15	315	340	95	125	65	310	305	330	310	45	65	70	265	345	280	275	65	340	155	295	320	50	335	315	15	
16	305	310	305	320	300	85	70	75	15	285	280	10	290	290	275	85	130	235	330	305	305	310	20	45	15	
17	35	0	340	300	85	100	250	255	225	220	125	95	80	75	70	70	75	90	90	10	0	340	325	330	5	
18	80	25	65	40	15	275	140	15	50	55	85	140	125	145	185	245	270	285	290	315	350	15	330	30	2	
19	320	300	355	355	230	295	245	215	245	110	100	120	100	125	160	190	115	135	160	150	215	235	310	10	11	
20	50	340	325	260	10	350	30	25	125	120	190	225	280	355	50	90	130	120	140	170	285	300	280	235	(VA)	
21	305	305	295	0	315	70	85	85	35	40	55	85	65	145	110	60	45	355	5	295	35	315	280	90	3	
22	330	320	355	335	70	310	325	5	135	105	150	130	110	105	125	145	135	185	165	180	165	175	100	45	7	
23	70	340	40	30	0	300	190	170	195	165	175	195	100	170	120	140	140	225	215	185	205	205	215	305	9	
24	0	5	320	0	275	250	310	275	170	135	180	130	125	110	130	120	155	155	200	180	175	250	250	30	(VA)	
25	45	260	290	340	245	315	280	245	185	115	230	200	130	100	140	195	190	210	215	225	255	280	305	335	(VA)	
26	320	350	320	320	320	325	315	80	165	125	130	215	155	195	220	140	170	275	280	330	305	320	330	285	15	
27	285	310	320	340	315	235	285	250	200	115	120	120	245	210	270	0	30	40	10	30	5	345	330	335	16	
28	340	320	280	285	330	340	310	155	80	165	120	125	135	80	15	15	355	350	5	15	350	30	45	350	1	
29	5	10	350	355	335	320	345	355	40	70	40	90	75	350	270	110	100	105	30	330	295	290	315	350	1	
30	340	335	0	310	0	15	300	305	290	35	65	80	295	290	275	275	70	75	90	30	350	340	340	340	16	
31	350	10	45	80	320	5	320	250	110	130	120	115	115	285	60	145	145	135	135	60	315	340	150	80	7	
PV	15	15	15	15	(VA)	15	15	(VA)	(VA)	6	7	5	6	7	6	1	7	11	5	(VA)	15	15	15	16	(VA)	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.8	3.9	4.4	4.4	2.6	2.9	3.4	4.7	6.6	8.5	10.5	12.4	12.7	12.8	13.4	14.2	12.9	11.5	10.4	10.1	9.8	9.1	7.9	7.5	8.4	14.2
2	6.9	5.6	5.4	5.3	4.9	4.6	5.2	6.2	8.0	9.6	11.2	12.3	13.2	14.1	14.8	14.9	15.2	15.1	14.3	13.5	12.0	11.8	10.4	8.8	10.1	15.2
3	8.8	8.3	6.9	7.1	6.6	6.0	7.9	8.6	11.4	13.7	15.0	17.4	18.4	19.0	19.5	19.6	19.7	19.4	18.2	16.9	16.0	15.2	15.2	14.6	13.7	19.7
4	14.2	14.4	13.5	13.7	12.6	12.1	12.9	13.6	14.7	15.9	16.0	16.1	16.2	16.9	17.4	17.7	17.4	17.6	16.3	14.7	5.9	2.4	.9	.1	13.1	17.7
5	-.5	-.4	-.1	-.5	-.5	.0	.2	1.5	1.8	3.1	3.2	2.3	1.4	.8	1.6	2.8	2.7	1.1	1.1	.5	.4	1.0	.9	1.1	1.1	3.2
6	.3	.0	-.5	-.8	-.7	-.6	.0	1.0	2.8	4.3	5.0	5.5	6.3	5.9	7.2	7.4	7.1	6.6	6.2	5.8	5.5	4.8	4.3	4.9	3.7	7.4
7	4.7	3.6	3.8	3.8	3.8	4.2	4.6	5.1	4.9	5.1	6.1	7.1	7.7	9.1	9.8	9.9	9.6	9.3	8.9	8.1	8.0	7.2	7.0	6.9	6.6	9.9
8	6.4	6.6	6.5	6.3	5.4	5.5	6.4	7.5	9.3	10.3	11.6	12.1	13.6	14.3	14.8	14.8	14.7	14.3	13.3	12.3	12.6	11.1	10.7	10.0	10.4	14.8
9	9.4	8.9	7.3	6.5	6.6	5.4	5.9	8.0	9.5	11.4	13.6	15.8	16.6	16.4	16.2	17.0	15.9	16.0	15.6	14.7	13.9	12.2	11.9	11.6	11.9	17.0
10	11.6	8.4	9.0	7.2	7.0	6.7	7.3	9.5	10.7	12.8	15.6	18.2	19.7	20.9	21.4	21.7	21.8	20.5	20.0	19.1	18.1	16.6	16.1	14.7	14.8	21.8
11	13.5	11.4	11.4	9.9	9.7	8.6	9.4	11.4	13.4	15.3	17.2	19.2	21.1	22.3	22.9	23.8	24.0	22.9	22.3	20.8	19.7	19.1	17.8	14.1	16.7	24.0
12	12.1	10.3	8.7	8.3	7.1	6.8	7.0	7.9	8.8	9.5	10.8	11.3	11.1	11.2	11.1	11.9	12.9	11.9	11.6	11.1	10.6	9.8	9.8	9.7	10.1	12.9
13	9.7	9.4	9.0	8.5	7.6	7.3	7.9	9.8	12.0	13.6	15.1	16.1	17.4	18.6	19.4	20.2	20.7	20.3	19.6	18.9	18.0	16.8	16.0	15.1	14.5	20.7
14	15.2	13.8	12.7	12.3	10.1	10.3	11.8	13.5	15.2	17.4	19.9	21.9	23.4	24.2	25.0	25.6	24.7	24.3	24.2	23.0	21.1	20.0	19.0	17.2	18.6	25.6
15	16.8	17.1	16.2	13.1	13.2	12.5	13.1	15.4	17.9	20.5	23.5	24.8	25.1	24.2	25.2	26.2	26.1	25.6	24.2	23.4	21.9	20.4	19.8	19.3	20.2	26.2
16	19.1	19.6	16.6	16.6	16.6	15.8	15.9	16.5	19.2	22.4	22.9	23.2	22.8	23.6	23.0	21.6	21.7	19.3	18.3	17.7	16.9	15.6	14.2	13.7	18.9	23.6
17	13.7	13.6	13.6	11.9	11.7	12.2	13.1	15.0	16.0	17.5	19.1	19.8	21.0	20.3	21.5	18.1	17.7	18.7	17.9	17.4	16.6	14.9	14.5	13.8	16.2	21.5
18	13.3	12.9	13.1	12.1	12.8	13.1	13.2	14.3	15.8	16.6	17.0	18.2	18.9	19.7	20.5	19.9	19.6	16.2	13.3	12.9	13.1	13.5	14.3	13.7	15.3	20.5
19	13.4	13.4	12.8	12.9	12.7	12.8	13.3	15.5	17.1	18.0	17.0	17.9	21.6	22.1	22.3	20.6	20.4	19.6	19.7	18.8	17.3	12.1	10.9	10.9	16.4	22.3
20	10.2	5.8	4.5	4.3	4.3	4.6	4.9	5.4	6.3	8.4	12.8	14.0	14.0	15.6	11.2	10.7	10.0	8.1	6.3	4.8	2.5	1.2	1.4	2.2	7.2	15.6
21	1.8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	6.7	7.5	8.4	9.4	9.9	10.5	10.6	10.0	8.4	7.3	6.4	5.9	5.8	7.8	10.6
22	5.8	5.4	5.2	3.4	3.5	4.0	5.1	5.6	6.4	7.6	7.8	6.6	5.6	5.5	4.0	5.9	7.7	7.9	7.3	6.4	5.9	5.8	5.6	4.9	5.8	7.9
23	5.1	4.0	4.1	3.6	3.8	3.3	4.3	6.7	7.8	9.1	10.1	11.2	11.9	12.2	12.7	12.9	13.3	13.1	13.3	12.4	11.7	11.0	10.7	10.4	9.1	13.3
24	10.2	9.9	9.6	9.1	8.7	9.0	9.4	11.8	13.6	15.4	16.6	18.2	19.1	20.0	20.6	20.8	21.0	21.2	20.6	18.9	17.6	17.4	15.9	14.1	15.4	21.2
25	13.1	12.4	10.4	9.5	9.8	9.5	7.6	7.4	7.5	8.8	10.5	11.1	11.9	12.8	13.5	14.3	14.6	14.7	14.2	13.4	12.6	11.1	9.1	9.2	11.2	14.7
26	8.4	7.4	6.9	4.6	5.2	5.4	5.9	7.8	9.0	10.8	12.1	13.1	14.1	15.5	16.8	17.4	18.1	17.8	17.0	16.5	15.4	15.6	14.2	13.3	12.0	18.1
27	12.8	11.5	10.3	10.1	10.4	9.6	10.5	11.7	13.1	14.9	16.1	16.7	16.7	16.1	15.9	14.1	12.3	10.0	9.2	8.5	8.5	8.6	8.4	8.2	11.8	15.7
28	7.4	7.2	7.0	6.8	6.9	6.9	6.9	7.2	6.6	6.1	7.0	8.6	8.5	9.5	10.1	10.8	10.8	9.7	8.9	8.1	7.4	7.1	6.4	5.7	7.9	10.8
29	4.6	4.2	3.9	3.6	4.0	5.3	5.7	5.7	6.5	7.5	8.3	9.1	10.8	12.0	12.4	13.4	13.1	13.8	13.4	12.1	11.4	11.1	10.2	9.9	8.8	13.8
30	9.0	9.2	8.2	7.3	6.0	6.3	5.6	6.6	10.3	12.0	13.5	14.9	16.1	17.3	18.2	18.7	19.0	19.0	18.7	17.9	17.6	16.6	15.7	15.2	13.3	19.0
31	14.4	13.0	12.6	10.9	11.5	10.2	11.2	13.1	14.4	15.8	16.0	17.0	19.3	20.2	20.4	20.3	20.6	20.1	17.3	15.6	15.2	15.0	15.0	14.6	15.6	20.6
AV	9.6	9.0	8.4	7.7	7.5	7.3	7.9	9.1	10.6	12.1	13.4	14.2	15.0	15.5	15.9	16.0	16.0	15.4	14.8	13.6	12.6	11.6	11.0	10.4	11.8	( )

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	13.2	13.0	12.6	11.5	10.7	10.3	11.6	12.9	14.6	16.6	18.7	20.1	20.5	21.7	21.7	22.2	22.2	22.2	21.6	20.7	19.8	18.6	17.8	17.5	17.2	22.2
2	15.0	16.1	14.9	14.3	14.2	12.9	13.6	15.1	16.3	17.3	19.5	22.2	24.0	25.0	24.2	22.1	21.7	21.8	21.0	20.6	19.1	18.8	17.9	17.6	18.5	25.0
3	16.4	16.4	14.8	15.2	14.3	13.9	13.1	13.6	14.9	18.2	20.8	22.7	23.1	24.5	24.2	20.5	19.2	19.1	18.3	15.5	10.4	10.0	10.5	10.7	18.7	24.5
4	10.7	10.1	10.0	9.3	9.5	9.5	9.9	11.2	12.6	14.0	15.0	16.7	17.5	18.1	19.3	20.2	20.5	19.8	19.5	18.8	17.0	17.3	16.2	15.6	15.0	20.5
5	14.7	15.5	13.3	12.2	12.1	12.3	12.4	13.3	14.9	16.9	19.0	20.6	21.7	22.9	23.6	24.2	24.7	25.0	24.9	24.1	22.8	21.4	20.1	18.4	18.8	25.0
6	17.4	16.6	17.1	16.2	15.7	15.6	16.4	18.2	19.7	21.0	23.0	24.6	26.0	26.9	27.4	27.6	27.6	27.5	26.5	26.0	25.2	23.4	22.3	22.6	22.1	27.6
7	22.2	22.3	20.6	18.2	19.3	18.6	19.7	20.1	20.6	20.3	19.8	21.2	22.0	21.5	22.2	22.4	18.5	14.5	14.2	14.1	13.7	12.2	11.7	11.7	18.4	22.4
8	11.7	11.7	11.7	11.6	11.6	11.5	11.9	12.7	13.8	14.1	14.7	16.0	18.0	18.4	16.8	18.6	19.1	18.8	19.3	16.7	14.8	13.6	13.0	12.6	14.7	19.3
9	12.2	10.9	10.2	10.2	9.9	8.9	8.8	9.4	10.5	11.8	13.7	14.5	15.1	14.8	12.7	7.7	8.2	10.0	10.7	10.0	9.3	9.1	9.0	8.0	10.7	15.1
10	7.3	7.8	7.8	7.1	6.7	7.2	7.6	8.3	9.7	11.0	12.8	13.2	14.2	14.3	14.1	13.4	12.0	12.6	12.7	12.4	11.1	10.4	10.0	9.7	10.6	14.3
11	8.9	8.5	8.2	7.4	6.8	7.0	8.5	10.2	12.3	13.4	15.0	16.2	17.4	18.5	19.7	20.5	21.1	21.1	21.1	19.9	17.9	17.2	16.9	17.1	14.6	21.1
12	15.7	16.0	14.2	13.5	12.9	13.6	14.1	15.5	16.7	18.5	20.6	22.7	24.1	25.2	24.5	23.0	24.6	24.5	24.3	22.9	21.4	21.1	20.7	20.3	19.6	25.2
13	19.4	18.8	18.2	15.9	17.0	16.6	15.9	17.9	19.5	22.2	24.7	26.3	27.2	28.0	28.4	28.2	28.3	26.7	25.7	24.6	23.4	22.8	22.5	22.1	22.5	28.4
14	21.7	21.0	21.2	20.9	18.8	17.9	18.9	20.0	20.8	22.1	23.8	24.7	25.6	26.2	26.8	27.2	26.9	26.3	25.1	23.6	22.2	21.6	20.8	20.0	22.7	27.2
15	19.2	17.0	16.7	16.8	15.4	15.3	16.5	19.4	20.8	22.0	24.1	25.6	26.8	27.5	27.8	27.7	27.9	27.5	26.8	25.2	24.3	23.4	22.9	21.3	22.4	27.9
16	20.7	21.5	20.8	20.6	19.9	19.6	19.8	19.9	20.8	21.7	23.4	24.2	24.0	25.1	25.2	24.7	24.3	23.5	22.7	21.7	20.5	19.6	19.5	18.0	21.7	25.2
17	17.6	16.5	17.6	17.5	17.9	16.5	15.1	15.6	16.2	16.5	16.7	17.2	18.6	20.3	20.3	20.9	20.4	20.5	19.5	19.0	18.5	17.4	16.0	14.1	17.8	20.9
18	13.4	14.2	12.8	11.5	10.4	9.1	8.3	8.9	9.1	8.8	8.8	8.0	7.6	9.0	8.0	8.5	9.5	12.6	11.1	9.6	6.6	6.0	6.5	7.2	9.4	14.2
19	6.3	6.6	6.8	6.9	6.8	6.9	9.9	11.6	9.7	13.3	15.1	16.1	14.2	15.1	15.4	14.6	14.9	14.2	13.1	11.1	10.7	10.5	10.6	10.4	11.3	16.1
20	10.7	10.1	9.0	8.4	8.3	8.4	8.4	9.2	9.9	10.9	12.8	13.0	11.3	12.8	11.6	13.4	12.9	11.6	10.6	9.6	9.1	8.8	8.9	8.4	10.3	13.4
21	8.0	7.0	6.7	6.8	6.7	6.9	7.7	9.3	10.5	12.1	14.3	15.4	15.8	14.8	11.4	10.9	12.3	13.4	14.5	14.6	14.2	13.3	12.1	12.2	11.3	15.8
22	12.3	11.7	11.1	11.0	9.9	9.8	11.0	12.3	13.5	15.1	17.0	18.1	19.3	20.3	21.0	21.7	21.4	21.6	21.0	20.4	19.3	18.3	17.3	16.7	16.3	21.7
23	15.3	14.9	14.9	14.4	14.2	13.4	14.5	14.4	16.1	19.1	21.6	23.3	18.7	21.0	23.2	24.9	25.3	24.9	24.2	23.2	22.8	21.6	20.9	19.9	19.4	25.3
24	18.4	18.8	18.7	17.0	17.4	17.6	19.1	21.6	23.4	24.5	25.2	26.2	27.2	27.2	27.3	27.5	28.2	28.3	27.6	26.2	25.4	24.9	24.0	22.0	23.5	28.3
25	22.5	21.5	20.8	20.1	20.0	19.9	19.6	19.7	20.3	20.7	18.9	17.1	16.0	17.8	20.0	18.1	17.7	16.5	14.6	12.8	11.9	11.3	10.6	9.8	17.4	22.5
26	9.4	8.5	8.2	7.6	8.1	8.2	8.1	9.9	11.0	13.1	14.8	16.4	18.0	19.5	20.8	22.4	22.9	23.1	22.5	21.7	21.1	20.2	18.6	18.1	15.5	23.1
27	17.3	16.5	15.6	15.1	14.2	13.2	13.9	15.7	17.7	20.6	24.0	26.7	28.5	29.0	29.4	29.6	28.8	29.5	28.8	27.2	25.5	24.3	22.6	22.6	22.3	29.6
28	21.9	20.1	19.2	18.9	16.9	16.4	18.1	17.9	19.2	21.6	24.0	26.0	27.9	29.2	29.2	30.1	29.9	29.6	28.6	26.9	25.4	24.7	23.4	23.3	23.7	30.1
29	23.6	23.8	19.6	19.5	19.1	18.8	18.8	20.0	21.7	24.6	27.7	28.2	29.0	29.9	30.4	30.6	30.7	30.0	28.8	27.6	25.9	25.5	24.6	24.4	25.1	30.7
30	24.3	22.1	20.5	20.1	18.9	18.2	18.2	19.5	21.4	24.0	27.1	30.0	30.9	31.4	31.8	32.1	32.2	32.1	31.5	29.9	28.3	26.0	25.4	24.7	25.9	32.2
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	15.6	15.2	14.5	13.9	13.5	13.1	13.6	14.8	15.9	17.5	19.2	20.4	21.0	21.9	21.9	21.9	21.8	21.6	21.0	19.9	18.6	17.8	17.1	16.6	17.8	( )

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	23.0	22.1	21.8	21.7	21.3	17.8	18.2	20.0	20.7	24.0	27.7	31.7	32.6	33.1	33.5	33.5	33.5	33.1	32.5	30.8	29.0	28.2	26.4	25.5	26.7	33.5
2	25.5	24.1	24.0	22.5	20.4	20.1	20.4	22.0	23.1	25.6	28.2	30.6	31.8	31.4	31.0	31.3	32.0	30.8	28.9	27.9	26.2	25.0	24.7	24.0	26.3	32.0
3	22.7	22.0	21.2	21.1	21.1	21.9	22.5	24.3	25.4	26.7	27.6	27.6	29.1	28.6	29.0	26.5	29.0	28.7	27.2	24.5	22.7	22.2	22.2	22.0	24.8	29.1
4	21.4	20.0	19.9	18.0	19.0	17.6	18.7	20.2	21.5	22.6	23.8	25.3	27.1	28.6	27.6	28.0	28.2	28.7	27.3	26.3	25.2	24.1	23.1	22.1	23.5	28.7
5	21.8	20.6	19.4	19.3	19.5	17.9	(SE)	(SE)	(SE)	(SE)	(SE)	(SE)	27.1	28.3	28.5	28.9	29.1	29.0	27.9	27.0	23.5	22.4	21.7	21.4	24.1	29.1
6	20.4	19.5	18.8	18.0	17.8	17.1	17.9	20.0	21.7	23.5	25.0	26.5	27.9	29.0	30.1	30.7	30.6	30.6	29.7	28.6	27.4	26.9	25.5	24.6	24.5	30.7
7	23.3	22.0	21.3	21.6	20.5	19.9	21.0	22.8	24.4	26.2	28.6	30.4	31.6	32.7	33.3	32.4	32.1	31.4	31.0	30.3	27.9	26.5	24.9	24.4	26.7	33.3
8	23.8	23.0	22.5	22.3	21.3	20.3	20.7	22.1	23.8	25.2	26.6	28.1	29.7	31.0	30.8	26.8	22.6	22.4	23.9	24.0	23.9	24.0	22.6	22.4	24.3	31.0
9	21.6	22.1	21.9	21.5	21.9	21.3	21.1	21.5	23.2	24.6	26.5	28.2	28.8	28.8	27.7	28.4	28.3	28.0	26.1	23.7	23.3	22.9	21.1	20.3	24.3	28.8
10	19.7	19.7	18.9	18.7	17.6	18.1	18.8	20.5	22.3	23.6	25.7	26.8	28.2	29.3	30.1	29.6	29.4	29.2	28.0	26.8	26.3	25.7	24.9	24.1	24.2	30.1
11	22.9	22.1	22.2	20.0	19.7	19.3	19.9	20.4	22.1	24.2	26.8	27.9	28.7	29.0	29.3	29.2	29.2	28.4	26.5	27.1	24.9	24.7	24.1	23.9	24.7	29.3
12	22.1	21.3	20.8	20.4	19.4	18.6	18.2	18.8	21.4	23.5	24.6	26.6	27.9	28.3	28.8	28.9	29.0	29.0	27.4	25.5	24.5	23.7	23.0	22.3	23.9	29.0
13	21.6	21.8	21.8	21.2	21.0	21.0	21.1	22.3	24.1	25.3	26.8	24.2	25.2	27.0	25.4	25.4	26.1	26.1	24.9	23.5	22.9	21.9	21.2	21.0	23.4	27.0
14	19.4	19.5	18.4	18.3	18.1	18.3	18.0	18.9	21.4	23.3	25.9	27.4	28.9	29.7	29.5	29.5	30.2	30.3	28.1	24.9	24.5	22.6	22.3	21.9	23.7	30.3
15	21.6	21.6	20.6	19.4	19.4	19.2	19.7	21.5	23.7	25.7	26.6	25.6	24.4	22.9	23.4	23.9	22.7	23.0	23.2	22.0	21.5	20.9	20.5	20.1	22.2	26.6
16	18.7	19.3	18.4	18.5	18.1	18.0	17.2	18.2	18.0	17.3	18.9	17.5	17.3	19.6	22.3	21.1	16.3	14.8	14.9	14.6	14.7	15.2	15.3	14.9	17.5	22.3
17	14.3	14.2	14.2	13.4	13.1	12.4	13.3	14.9	17.3	19.3	20.8	22.2	24.5	26.8	27.6	27.8	27.5	26.7	26.6	25.6	24.6	23.6	22.9	22.8	20.7	27.8
18	20.4	21.0	19.6	19.7	19.9	19.8	19.9	21.7	23.7	25.1	26.8	27.3	28.5	29.3	29.8	29.5	29.9	29.8	29.3	28.3	27.5	25.1	24.1	23.5	25.0	29.9
19	21.7	21.3	21.9	21.2	19.1	19.2	19.3	21.1	23.0	24.6	26.8	28.3	29.5	30.6	31.3	31.6	31.5	31.4	31.0	29.7	28.4	27.6	26.9	26.3	26.0	31.6
20	24.7	23.3	23.0	20.8	21.3	20.8	19.3	19.5	21.6	23.7	26.5	28.3	29.5	29.2	29.8	31.2	31.2	29.9	29.5	28.0	26.1	24.9	24.2	22.7	25.4	31.2
21	22.5	21.9	20.9	20.8	18.9	19.2	19.3	19.7	21.2	23.7	25.6	27.5	28.9	30.4	29.9	24.7	23.5	23.5	25.2	24.3	22.6	22.0	20.2	20.9	23.2	30.4
22	20.4	20.3	18.4	18.3	16.1	16.6	17.9	19.4	21.2	23.5	25.4	27.2	28.7	30.2	31.1	31.6	31.6	31.2	30.5	29.1	27.5	25.7	25.1	24.6	24.6	31.6
23	23.1	22.2	21.9	21.2	19.1	18.9	19.4	21.0	22.9	24.5	27.0	28.2	29.1	29.7	30.5	30.6	31.1	29.8	29.5	28.6	27.6	26.7	25.4	24.4	25.5	31.1
24	22.9	22.0	20.3	19.9	18.7	18.5	19.1	21.0	22.8	24.6	26.6	27.9	29.1	29.7	30.4	30.7	30.7	30.7	29.8	28.5	27.5	26.8	25.9	23.6	25.3	30.7
25	23.0	22.2	19.4	20.3	18.7	19.3	19.4	21.4	23.5	24.7	27.4	29.3	30.0	30.5	31.0	31.2	31.3	30.1	30.1	28.7	27.1	25.7	25.3	23.6	25.6	31.3
26	23.3	22.3	22.3	20.8	19.9	19.9	20.3	20.8	23.5	24.4	26.8	28.7	30.1	31.0	30.9	32.1	32.0	31.0	29.8	29.1	27.7	26.4	24.5	22.8	25.8	32.1
27	22.4	21.7	21.4	20.7	19.9	19.1	19.4	20.8	23.0	25.4	27.2	28.9	30.3	31.3	30.2	31.7	31.0	31.1	30.8	29.2	27.5	26.5	25.2	24.4	25.8	31.7
28	24.4	24.0	22.8	22.4	22.6	21.9	21.4	23.7	25.9	27.3	28.5	29.9	29.8	31.3	31.1	31.7	30.9	30.7	29.3	27.8	27.1	26.0	25.0	24.4	26.7	31.7
29	24.5	23.7	22.9	23.1	23.0	22.3	22.5	23.1	23.3	24.0	25.4	25.5	20.1	20.8	23.2	25.3	24.8	19.9	19.5	16.9	16.8	17.3	17.3	17.6	21.8	25.5
30	17.3	16.9	17.0	16.2	16.6	16.6	15.0	16.0	18.2	20.6	22.3	22.5	20.4	21.1	23.4	25.7	27.3	26.3	25.2	23.9	23.1	23.0	22.2	21.6	20.8	27.3
31	21.4	21.0	20.1	18.2	17.4	17.0	17.4	18.0	18.5	20.5	22.4	23.4	24.4	23.9	23.9	25.5	26.1	25.1	21.8	18.6	19.1	20.4	18.7	17.9	20.9	26.1
AV	21.8	21.2	20.6	20.0	19.4	19.0	19.2	20.5	22.2	23.9	25.8	27.0	27.7	28.5	28.9	28.9	28.7	28.1	27.3	25.9	24.8	24.0	23.1	22.5	24.1	( )

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1975

AEROVIRONMENT INC.

****
PRELIMINARY DATA
AS OF 15 OCT 79
****
Subject To
Revision
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	18	22	18	14	19	13	5	10	20	17	16	15	20	16	11	13	8	8	7	8	4	4	11	11	13	22
2	7	8	8	9	10	13	14	9	9	10	11	12	12	13	13	14	12	12	9	12	6	6	16	13	11	16
3	9	10	27	21	30	33	11	9	10	13	11	13	16	19	20	17	15	11	14	18	12	14	15	16	16	33
4	18	16	26	15	21	27	23	19	16	19	19	16	21	26	16	17	16	15	14	12	8	7	6	6	17	27
5	7	7	9	10	11	13	16	15	14	14	11	9	8	10	9	17	11	6	6	6	6	10	13	15	11	17
6	12	12	12	14	14	16	16	16	17	13	10	11	12	15	16	14	11	12	9	6	12	21	16	12	13	21
7	16	17	16	14	17	16	16	16	16	15	18	18	18	15	12	9	9	9	7	7	7	13	13	11	14	18
8	9	4	5	7	8	10	15	14	13	11	12	11	9	9	9	10	14	15	15	13	12	11	9	5	10	15
9	6	6	12	7	6	7	4	14	10	12	17	17	15	12	11	11	11	10	11	5	5	6	6	7	10	17
10	11	15	13	12	9	11	9	14	13	21	20	22	28	12	10	13	14	12	13	5	4	7	7	10	13	28
11	11	8	9	11	11	9	9	12	30	30	18	19	20	22	20	20	12	8	13	16	15	18	14	8	15	30
12	7	7	7	7	6	7	10	10	8	11	19	24	17	16	10	11	21	10	7	7	14	11	9	4	11	24
13	6	6	6	8	11	4	9	10	10	12	24	19	24	28	22	21	21	19	7	5	8	14	9	7	13	28
14	6	8	9	15	9	10	13	16	16	15	16	16	16	16	16	20	18	16	12	11	16	28	16	15	15	28
15	7	10	14	18	16	14	12	12	27	20	17	14	14	27	16	16	18	27	29	14	17	21	13	18	17	29
16	26	22	17	7	11	14	13	22	14	10	10	10	10	10	12	9	9	8	7	8	9	11	11	13	12	26
17	16	13	15	11	11	12	12	9	11	16	15	11	25	10	9	10	8	9	9	9	11	12	18	13	12	25
18	14	12	10	12	10	14	17	16	16	16	15	15	14	13	13	12	12	11	12	31	30	17	11	15	15	31
19	12	12	12	12	11	12	13	14	17	17	15	9	14	13	16	15	20	20	21	20	15	11	12	12	14	21
20	8	7	6	7	7	10	13	11	9	9	9	10	10	10	10	11	13	8	7	6	6	7	9	8	9	13
21	8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	16	16	18	19	19	19	18	18	16	10	6	5	6	14	19
22	4	6	6	10	7	4	10	14	19	23	21	18	13	9	7	16	12	11	12	13	15	8	5	15	12	23
23	21	21	18	14	11	8	7	12	12	13	15	9	9	9	9	9	9	8	6	5	6	5	16	16	11	21
24	25	22	23	23	23	21	18	13	13	13	13	10	10	11	10	12	12	13	15	16	15	11	15	13	15	25
25	13	8	7	7	7	11	14	12	11	13	18	10	10	11	14	20	18	18	16	10	8	6	7	6	11	20
26	6	12	5	7	8	8	9	11	21	14	15	15	16	17	22	26	20	13	9	6	10	15	14	7	13	26
27	7	7	8	15	22	8	7	9	14	18	18	21	23	22	21	17	9	7	8	8	12	14	11	7	13	23
28	12	14	16	6	7	9	5	6	13	13	8	11	10	10	8	9	9	6	8	8	12	12	11	5	10	16
29	10	11	12	10	9	8	6	6	7	8	6	6	7	7	7	7	6	7	8	8	12	7	7	4	8	12
30	11	6	6	8	9	10	8	9	17	16	16	17	17	18	18	18	18	17	13	10	9	8	9	11	12	18
31	13	15	17	16	14	12	6	16	17	16	17	18	19	23	23	17	20	18	19	18	17	15	11	12	16	23
AV	11	11	12	12	12	12	11	13	15	15	15	14	15	15	14	15	14	12	12	11	11	11	11	10	13	( )

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1975

AEROVIRONMENT INC.

****
PRELIMINARY DATA
AS OF 15 OCT 75
****
Subject To
Revision
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	16	10	13	13	25	18	8	9	11	12	20	25	23	23	29	25	22	17	15	5	6	17	14	14	16	29
2	15	13	16	13	16	15	12	11	10	11	14	21	21	22	23	14	9	7	10	22	25	21	18	14	16	25
3	13	11	9	6	8	9	11	8	9	9	11	19	17	9	8	7	10	14	17	10	7	11	11	14	11	19
4	7	8	9	13	9	11	14	10	13	15	17	20	32	31	34	28	21	18	6	4	4	6	6	6	14	34
5	7	6	6	10	10	8	7	10	8	17	19	23	19	28	24	25	17	22	24	8	11	14	16	19	15	28
6	12	12	14	16	12	16	15	16	14	13	19	20	13	12	14	20	22	24	18	7	6	10	15	12	15	24
7	12	22	12	20	10	11	11	15	17	12	11	15	14	16	19	21	10	9	9	9	8	8	9	12	13	22
8	7	7	9	14	18	15	10	12	15	21	12	12	11	9	14	10	8	6	8	15	8	12	8	5	11	21
9	4	6	8	8	9	9	7	7	8	8	8	12	19	17	9	7	8	11	9	11	10	7	13	17	10	19
10	13	10	12	9	12	13	17	12	12	17	15	10	12	9	11	11	11	10	16	17	15	11	12	9	12	17
11	13	21	20	6	15	17	6	7	15	18	21	22	19	18	22	23	10	8	8	8	17	19	18	19	15	23
12	20	22	23	23	17	13	9	7	13	9	12	11	11	12	11	12	14	9	7	10	14	14	15	36	14	36
13	17	18	19	15	18	25	19	26	21	14	12	11	9	9	9	8	8	7	7	8	6	6	11	12	13	26
14	13	11	10	7	7	6	7	9	9	10	12	8	9	9	10	8	8	8	7	7	7	6	11	18	9	18
15	9	8	5	12	15	16	15	15	10	10	11	11	10	9	9	8	8	8	8	7	8	12	18	16	11	18
16	16	16	18	17	16	13	23	11	10	8	9	9	15	9	8	9	8	8	8	7	7	7	11	14	12	23
17	13	13	16	17	10	12	7	6	9	9	6	7	17	18	17	15	10	15	9	6	9	6	20	13	12	20
18	7	15	19	7	8	7	9	12	7	12	8	10	15	14	19	18	23	21	13	18	9	9	8	15	13	23
19	8	12	15	8	8	10	11	11	16	14	13	23	19	14	8	11	11	11	12	12	7	6	9	9	12	23
20	10	8	8	7	7	8	10	13	13	11	14	15	16	15	14	8	10	12	11	8	10	6	5	8	10	16
21	9	10	10	10	11	11	10	10	15	15	12	12	13	13	15	13	16	10	11	6	4	5	12	16	11	16
22	19	13	7	5	7	9	11	25	18	17	23	22	23	25	23	23	22	18	13	12	26	17	13	17	17	26
23	15	9	5	6	14	14	10	11	13	17	21	21	21	20	12	10	13	18	17	11	7	18	20	18	14	21
24	15	11	17	17	16	16	17	34	34	20	19	19	19	20	20	21	22	21	20	19	11	9	13	23	19	34
25	16	12	14	18	18	13	11	14	12	11	14	14	14	13	12	12	10	7	7	7	7	7	7	6	11	18
26	6	10	4	5	8	9	10	12	10	11	12	16	15	18	17	27	17	17	13	5	8	11	21	15	12	27
27	8	8	10	10	10	10	11	16	20	24	20	17	16	19	16	11	8	11	20	17	16	15	13	12	14	24
28	13	22	16	7	13	11	11	15	15	16	15	12	14	20	18	20	16	14	13	20	17	16	12	10	15	22
29	11	12	10	10	12	7	10	8	13	18	15	15	14	14	15	15	18	20	19	16	15	15	16	16	14	20
30	15	13	9	13	11	10	6	13	19	18	13	14	14	15	16	16	16	16	16	15	16	15	10	13	14	19
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	12	12	12	11	12	12	11	13	14	14	14	16	16	16	16	15	14	13	12	11	11	11	13	14	13	( )

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	12	7	8	9	20	19	15	17	13	29	22	25	25	23	26	25	27	26	19	17	16	14	8	6	18	29
2	7	19	21	19	14	7	11	14	12	18	14	32	17	14	14	9	9	9	13	19	16	24	22	22	16	32
3	26	19	7	13	36	27	11	17	18	13	26	13	29	17	12	11	18	10	14	19	6	19	14	15	17	36
4	9	10	5	11	11	14	20	17	24	14	19	13	13	22	21	21	14	16	17	7	10	6	12	11	14	24
5	10	16	16	10	20	20	16	14	19	13	15	21	19	14	10	22	17	16	15	6	7	7	7	7	14	22
6	15	15	9	11	5	17	8	10	11	16	16	18	27	26	23	27	18	15	15	15	8	11	12	17	15	27
7	11	12	12	11	14	13	13	10	26	21	28	27	25	22	16	13	10	6	6	5	12	20	9	7	15	28
8	9	22	25	13	9	11	7	21	16	29	30	20	24	21	17	15	11	12	10	14	10	9	20	23	17	30
9	17	17	17	18	10	24	16	19	22	21	13	16	19	14	20	12	12	14	17	8	9	9	12	13	15	24
10	9	10	10	10	7	8	9	23	34	25	20	31	33	17	17	11	8	7	6	6	16	20	12	7	15	34
11	8	10	9	14	7	16	9	10	10	18	33	17	17	15	16	10	11	10	12	7	10	6	14	12	13	33
12	8	7	12	10	16	12	8	8	17	20	15	17	17	16	23	21	15	15	16	17	15	16	16	16	15	23
13	17	16	17	15	16	14	17	23	22	14	15	12	18	11	8	12	16	8	6	7	9	11	11	17	14	23
14	13	7	10	16	7	7	8	12	11	16	17	28	37	32	19	15	17	10	7	11	7	17	23	41	16	41
15	36	36	24	13	12	6	8	16	22	23	25	26	13	12	8	12	16	20	15	14	15	17	11	5	17	36
16	9	18	18	15	16	10	4	10	16	13	19	15	11	10	19	25	16	15	12	20	22	18	15	11	15	25
17	5	8	8	8	9	16	11	8	15	21	19	18	13	12	8	12	9	8	8	14	20	14	9	9	12	21
18	9	12	13	9	19	19	19	18	18	25	24	22	25	15	28	17	8	9	9	25	11	13	20	30	17	30
19	17	22	18	21	23	17	11	11	14	23	16	18	13	18	22	22	22	22	12	13	11	10	8	10	16	23
20	10	13	11	22	20	13	9	11	14	16	22	19	25	15	20	21	17	11	12	13	13	21	20	19	16	25
21	8	10	20	10	14	12	10	17	29	24	14	14	14	14	14	14	9	14	14	14	24	17	19	23	16	29
22	11	5	15	13	10	13	14	13	18	17	17	17	17	16	28	26	22	19	15	10	12	13	15	11	15	28
23	4	8	7	10	12	13	15	13	18	23	33	27	24	26	22	23	24	10	9	7	11	14	13	8	16	33
24	11	10	17	15	19	14	16	13	18	15	23	27	25	17	21	21	25	27	14	9	9	11	9	12	17	27
25	11	17	18	7	22	12	13	11	21	24	26	20	25	22	17	18	24	13	16	18	13	21	25	27	18	27
26	13	11	9	12	9	5	7	13	23	14	23	22	21	20	15	22	19	19	16	24	10	21	26	26	17	26
27	25	18	18	14	11	30	12	9	16	18	19	23	21	23	20	22	18	20	21	15	14	17	27	35	19	35
28	20	16	26	19	13	16	18	22	28	30	20	13	21	22	20	23	20	20	21	20	16	16	12	14	19	30
29	17	15	18	19	13	29	21	23	19	9	20	26	13	15	9	11	11	14	15	15	9	17	22	12	16	29
30	21	18	11	21	10	14	15	13	21	14	18	18	11	9	9	13	12	9	10	13	18	12	12	10	14	21
31	15	24	15	6	13	10	25	14	10	16	13	12	14	16	16	19	18	13	10	10	10	15	15	19	14	25
AV	13	14	14	13	14	15	13	15	19	19	20	20	20	18	17	18	16	14	13	13	13	15	15	16	16	[ ]

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1975

AEROVIRONMENT INC.

****
PRELIMINARY DATA
AS OF 16 OCT 75
****
Subject To
Revision
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	.14	.10	.18	.22	.18	.22	.18	.12	.14	.16	.22
12	.14	.14	.10	.09	.08	.1	10	.10	.16	.20	.24	.28	.34	.32	.28	.26	.18	.29	.36	.68	.56	.54	.36	.36	.25	.68
13	.20	.30	.22	.32	.46	.3	26	.39	.34	.46	.45	.48	.32	.32	.36	.34	.32	.34	.32	.24	.14	.29	.14	.10	.30	.48
14	.14	.22	.20	.18	.28	.2	18	.14	.18	.30	.44	.46	.46	.44	.44	.58	.44	.38	.62	.54	.28	.50	.78	.82	.39	.82
15	.90	.76	.28	.16	.10	.2	30	.62	.52	.50	.49	.48	.32	.42	.32	.34	.22	.18	.14	.26	.54	.18	.12	.18	.36	.90
16	.32	.48	.52	.68	.20	.1	14	.14	.46	.46	.42	.42	.56	.50	.60	.52	.46	.28	.24	.70	.82	.88	.62	.24	.46	.88
17	.18	.16	.12	.14	.20	.1	20	.24	.32	.38	.38	.40	.48	.60	.70	.72	.64	.52	.38	.32	.48	.54	.46	.49	.39	.72
18	.20	.56	.48	.14	.26	.55	.30	.36	.44	.36	.44	.44	.48	.48	.48	.40	.36	.32	.26	.42	.46	.40	.44	.56	.40	.56
19	.20	.20	.15	.34	.16	.15	.16	.20	.32	.34	.36	.44	.46	.50	.54	.50	.44	.40	.34	.24	.16	.14	.18	.34	.30	.54
20	.24	.14	.14	.13	.14	.14	.18	.16	.22	.32	.42	.44	.44	.60	.52	.52	.54	.60	.46	.28	.30	.56	.54	.26	.34	.60
21	.20	.40	.46	.20	.24	.10	.14	.20	.32	.44	.48	.48	.46	.48	.44	.70	.58	.80	.42	.26	.28	.26	.18	.12	.36	.80
22	.14	.20	.24	.20	.20	.30	.24	.18	.26	.36	.42	.46	.46	.50	.50	.48	.46	.44	.36	.24	.28	.24	.14	.22	.32	.50
23	.18	.19	.14	.12	.16	.1	.14	.18	.30	.34	.45	.48	.48	.48	.54	.52	.52	.44	.22	.19	.20	.14	.14	.14	.29	.54
24	.12	.14	.18	.16	.14	.1	.14	.24	.34	.34	.42	.46	.49	.52	.50	.49	.42	.36	.41	.24	.16	.14	.12	.20	.29	.52
25	.16	.16	.18	.20	.20	.14	.18	.24	.34	.36	.42	.42	.40	.50	.50	.46	.49	.44	.26	.19	.29	.49	.66	.49	.34	.66
26	.18	.14	.13	.36	.22	.16	28	.22	.28	.34	.40	.50	.50	.50	.46	.44	.44	.46	.46	.32	.21	.42	.76	.64	.36	.76
27	.32	.40	.28	.24	.20	.1	.16	.24	.30	.34	.38	.42	.44	.44	.48	.54	.56	.44	.42	.44	.60	.76	.78	.78	.42	.78
28	.76	.66	.40	.14	.19	.3	.18	.24	.36	.40	.42	.48	.52	.64	.72	.70	.70	.76	.74	.69	.60	.56	.46	.54	.50	.76
29	.70	.68	.70	.72	.60	.4	.56	.60	.68	.56	.50	.42	.42	.48	.24	.24	.38	.52	.30	.25	.22	.40	.49	.42	.49	.72
30	.56	.36	.30	.22	.18	.2	.30	.49	.46	.42	.42	.40	.42	.39	.34	.36	.58	.54	.42	.28	.56	.72	.76	.70	.44	.76
31	.79	.88	.76	.26	.14	.1	.26	.24	.30	.30	.40	.44	.49	.45	.40	.39	.52	.40	.50	.24	.30	.56	.26	.14	.40	.88
AV	.34	.36	.30	.26	.22	.2	.22	.28	.34	.36	.42	.44	.46	.42	.46	.46	.44	.44	.38	.34	.36	.42	.40	.38	.36	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.0	1.0	1.0	2.0	2.0	2.5	2.0	2.0	3.0	3.0	4.0	4.5	5.5	6.0	8.0	4.0	7.0	6.0	3.0	1.0	1.5	2.5	3.5	2.0	3.5	8.0
2	2.5	1.0	4.5	3.5	10.5	8.5	9.0	2.0	3.0	4.5	3.0	5.0	5.0	5.0	5.5	4.0	3.0	2.0	1.0	1.0	1.0	2.0	2.0	3.0	4.0	10.5
3	3.0	2.0	1.0	3.0	4.0	6.5	5.0	1.0	2.0	2.0	3.0	4.5	5.5	8.0	6.0	7.0	7.5	5.5	6.0	5.5	3.0	5.0	5.0	3.0	4.5	8.0
4	3.5	2.5	1.5	3.5	3.0	1.5	1.0	6.5	14.0	14.0	15.0	13.5	13.5	14.0	12.5	14.0	14.0	12.5	11.0	9.5	9.0	5.5	3.5	3.0	8.5	15.0
5	1.5	1.5	1.5	1.0	1.0	1.0	1.0	2.5	3.0	4.5	5.5	5.5	4.0	5.0	3.5	4.0	3.5	3.0	2.5	2.5	3.5	1.5	2.5	1.0	3.0	5.5
6	1.5	1.5	1.0	1.5	1.0	1.5	1.0	3.0	6.0	5.5	7.0	9.5	9.0	6.0	5.5	6.0	6.0	4.5	4.0	3.5	2.5	5.5	7.5	9.5	4.5	9.5
7	4.5	3.0	2.5	3.0	2.5	3.0	4.5	4.0	8.5	7.5	9.5	12.0	11.0	9.0	6.0	5.5	5.5	4.5	3.5	5.0	3.5	1.5	1.0	3.0	5.0	12.0
8	1.5	1.5	1.5	1.0	1.5	1.5	1.0	2.5	3.5	5.0	5.0	5.5	6.0	4.5	4.5	4.0	5.0	4.5	1.5	3.0	3.0	4.5	2.0	2.0	3.0	6.0
9	3.0	1.5	2.5	1.5	2.0	1.0	1.5	2.0	3.0	4.0	3.5	4.0	6.0	7.0	5.5	6.5	9.5	4.0	1.5	2.5	1.5	2.0	1.5	1.0	3.5	9.5
10	1.5	1.5	2.5	1.5	1.0	11.5	1.0	2.0	3.0	3.5	4.0	4.5	5.0	5.0	5.5	5.0	5.0	3.0	3.0	2.0	1.0	2.0	2.0	1.5	3.0	11.5
11	2.0	2.5	2.5	2.5	1.5	1.0	1.5	1.5	1.5	3.0	3.5	4.5	4.5	4.0	3.5	4.5	2.5	1.5	2.5	4.0	2.5	5.5	6.0	4.0	3.0	6.0
12	6.5	6.5	5.0	3.5	3.5	2.0	4.0	5.0	5.0	5.0	9.5	6.0	5.0	5.5	4.0	6.0	6.5	5.0	1.5	1.0	1.5	2.0	2.0	1.0	4.5	9.5
13	1.5	2.0	2.0	2.0	1.0	2.0	2.5	2.5	3.5	4.0	5.0	5.0	4.5	4.5	3.5	4.5	4.0	1.5	1.0	1.0	1.0	1.0	1.0	1.0	2.5	5.0
14	1.0	1.0	1.0	1.0	1.0	2.0	1.5	1.0	2.0	3.0	3.0	4.0	4.0	5.0	4.5	5.0	3.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	5.0
15	2.5	2.5	1.5	3.5	2.0	2.0	1.5	2.5	2.5	2.5	3.5	4.5	5.0	6.5	4.5	5.0	4.0	7.0	5.5	1.0	4.5	2.0	3.0	2.0	3.5	7.0
16	2.0	1.5	1.5	2.0	2.5	1.5	1.0	1.0	2.5	4.0	8.5	6.0	6.0	6.5	4.0	9.0	5.0	4.5	4.0	2.5	4.5	2.5	2.0	1.0	3.5	9.0
17	1.0	1.0	1.5	1.0	1.0	1.0	1.0	2.5	3.0	4.5	4.5	5.5	5.0	4.0	4.0	5.5	3.5	3.5	3.0	1.5	1.5	2.0	1.5	1.5	2.5	5.5
18	1.5	2.0	1.5	1.5	2.0	1.5	2.0	2.0	2.5	5.5	7.5	9.0	10.0	10.5	10.0	10.5	8.0	7.0	2.5	4.5	2.5	3.0	1.5	1.0	4.5	10.5
19	1.0	2.0	2.5	1.5	2.5	1.5	1.0	2.0	1.0	5.5	6.0	5.5	7.5	6.0	7.0	6.5	8.0	7.5	10.0	11.0	10.0	4.5	2.0	3.0	5.0	11.0
20	6.5	4.5	3.0	3.0	1.0	6.0	5.5	5.0	6.5	5.0	4.0	7.5	6.0	9.5	5.0	4.0	7.0	5.5	5.5	6.0	2.5	.5	2.5	1.0	4.5	9.5
21	1.0	2.0	2.0	2.5	3.5	5.0	3.0	5.0	7.0	7.5	7.0	5.5	5.0	4.0	3.5	6.5	4.5	5.5	3.5	4.0	3.0	2.0	1.0	1.0	4.0	7.5
22	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	3.5	4.0	5.0	5.0	5.0	6.5	2.0	2.5	1.0	1.5	1.5	1.5	1.0	1.0	1.0	1.0	2.0	6.5
23	1.0	1.0	1.0	1.5	1.0	1.0	1.5	3.0	3.0	4.0	4.5	5.0	5.0	4.0	3.0	2.0	2.5	1.5	2.0	1.5	1.0	1.0	1.0	1.0	2.0	5.0
24	1.0	1.0	1.5	1.5	2.0	2.5	1.5	1.5	2.5	3.0	3.5	5.0	5.5	6.0	6.5	6.0	5.5	5.0	3.5	4.5	5.5	3.5	7.0	4.5	3.5	7.0
25	2.5	2.0	3.0	3.0	3.5	5.5	9.5	9.0	5.5	5.5	7.0	7.0	7.0	5.0	4.5	4.0	4.0	2.5	2.0	1.0	1.0	1.5	4.0	3.0	4.5	9.5
26	2.0	1.5	1.0	1.0	1.0	1.5	2.0	1.5	4.0	4.5	3.5	4.0	4.5	4.5	3.5	4.0	1.0	1.5	1.0	1.0	1.0	1.0	1.0	1.0	2.0	4.5
27	3.0	3.5	1.0	2.5	1.0	1.0	2.0	1.5	1.5	2.5	4.0	4.5	7.5	6.5	2.0	5.0	8.0	5.0	2.5	1.5	1.0	1.0	2.0	5.5	3.0	8.0
28	7.0	2.5	2.0	2.0	1.0	1.5	1.0	1.0	1.5	1.5	3.5	3.5	4.5	5.5	4.5	9.5	11.5	10.0	11.0	9.5	8.5	5.5	2.5	1.5	4.5	11.5
29	3.5	3.0	1.5	1.5	2.5	5.5	6.5	5.5	10.0	11.5	10.0	11.5	10.0	11.5	10.5	9.5	8.5	7.5	5.5	5.5	3.5	1.5	2.5	1.5	6.5	11.5
30	2.0	2.5	2.0	1.5	1.5	1.5	1.5	2.0	3.0	3.5	3.5	3.5	4.5	4.5	4.5	4.0	3.0	1.5	1.0	1.0	1.5	1.0	2.5	2.0	2.5	4.5
31	1.0	1.5	2.0	1.5	2.0	1.5	1.0	2.0	3.0	5.5	3.0	4.0	4.0	5.0	7.0	4.0	3.0	2.5	3.5	2.5	1.5	2.0	1.5	2.0	3.0	7.0
AV	2.5	2.0	2.0	2.0	2.0	3.0	2.5	3.0	4.0	5.0	5.5	6.0	6.0	6.5	5.5	5.5	5.5	4.5	3.5	3.5	3.0	2.5	2.5	2.5	3.5	( )

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.0	2.0	1.5	1.5	2.0	1.5	1.0	3.5	1.5	4.5	3.5	3.0	3.5	5.5	3.5	4.0	3.0	2.0	1.0	1.5	1.0	1.0	1.0	1.5	2.5	5.5
2	1.5	1.0	1.5	1.5	1.5	1.5	1.0	1.5	(MT)	3.5	2.5	2.0	3.0	3.5	3.0	6.5	3.0	1.0	1.5	2.5	1.0	2.0	2.0	1.0	2.0	6.5
3	1.0	1.0	1.5	2.0	1.5	1.5	2.0	1.0	2.0	2.5	3.0	3.0	4.5	6.0	9.0	9.0	4.0	3.5	6.5	5.5	3.5	1.5	1.5	1.5	3.5	9.0
4	2.0	1.5	1.5	2.0	.5	1.0	2.5	3.0	3.5	3.0	4.0	4.5	4.0	4.5	2.5	3.5	1.0	.5	.5	1.0	.5	1.0	1.0	1.0	2.0	4.5
5	2.0	1.5	1.5	2.0	1.0	1.0	.5	2.0	3.0	3.0	3.0	4.0	4.5	4.5	4.0	3.0	3.0	1.0	1.0	2.0	1.0	1.5	1.5	2.0	2.0	4.5
6	2.5	1.5	1.5	2.0	1.5	2.0	1.0	2.5	1.5	3.0	3.5	5.0	4.5	5.5	4.5	4.0	3.0	1.0	1.0	1.0	1.5	1.5	1.0	1.0	2.5	5.5
7	2.5	1.5	1.5	3.0	2.0	2.0	2.0	1.5	9.0	5.5	4.5	5.0	6.0	8.0	5.0	5.0	9.5	7.5	2.5	3.0	4.0	3.5	1.5	1.5	4.0	9.5
8	1.0	1.0	1.0	2.0	2.0	3.5	4.5	2.0	2.0	2.5	1.5	3.0	4.0	4.5	4.5	4.5	2.5	4.0	6.0	3.5	2.5	5.0	3.0	1.0	3.0	6.0
9	1.5	2.0	1.0	2.5	2.5	1.5	3.0	4.5	5.0	5.5	6.0	5.5	6.0	13.5	10.0	6.5	5.5	2.5	3.0	1.0	1.0	1.0	1.0	1.0	4.0	13.5
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	3.5	4.0	6.0	8.0	7.0	5.5	5.0	2.5	4.0	3.5	1.5	3.0	3.0	2.0	1.0	1.5	3.0	8.0
11	2.0	1.5	1.5	1.5	2.0	1.0	1.0	2.5	3.0	3.5	4.5	5.5	6.0	4.5	4.0	3.5	3.5	2.5	1.0	1.0	2.5	2.0	1.5	2.0	2.5	6.0
12	2.0	2.5	2.5	1.5	1.5	2.0	2.5	2.5	2.5	5.0	(PF)	(PF)	(PF)	4.5	7.0	5.5	5.0	3.5	1.0	1.0	3.0	1.5	1.5	1.5	3.0	7.0
13	2.5	2.0	1.5	1.5	2.0	2.0	2.0	1.5	1.5	2.5	4.0	5.0	6.0	5.0	5.5	8.0	8.5	8.0	6.5	4.0	3.0	1.0	1.0	1.5	3.5	8.5
14	1.5	1.0	1.0	5.0	2.0	2.0	1.5	3.0	3.5	5.5	5.0	6.5	6.5	6.5	6.5	6.0	6.0	6.5	6.5	5.0	5.5	3.0	3.0	2.0	4.0	6.5
15	3.0	2.5	2.0	2.5	2.5	2.5	3.0	2.0	4.0	4.5	5.0	4.5	6.5	7.5	7.0	7.5	8.0	8.0	7.0	3.0	1.5	2.5	2.5	2.5	4.0	8.0
16	3.5	3.0	2.5	3.0	3.0	2.0	2.5	2.0	4.0	4.5	6.0	5.0	6.0	10.0	12.0	12.0	10.0	10.0	9.0	6.5	4.5	3.5	2.5	2.0	5.5	12.0
17	2.0	3.5	3.0	3.5	6.0	4.5	4.0	2.5	4.0	2.5	2.5	3.0	4.0	3.5	2.5	4.0	5.0	10.0	5.5	5.0	7.5	8.5	7.5	4.5	4.5	10.0
18	2.0	3.5	3.5	5.0	3.0	4.0	3.5	3.0	5.0	6.5	6.0	5.5	3.5	3.5	3.5	4.5	4.5	3.5	7.0	6.0	3.0	1.5	2.0	1.5	4.0	7.0
19	1.0	1.0	1.5	1.0	1.0	1.0	2.5	3.0	3.5	3.0	5.0	3.0	5.0	5.0	7.5	9.0	6.5	6.0	7.5	2.5	1.0	1.0	1.5	1.5	3.5	9.0
20	1.0	1.0	1.0	1.5	1.0	1.5	1.5	2.0	3.0	2.0	2.0	4.5	4.5	4.5	6.0	6.0	6.0	7.5	3.5	2.5	1.0	2.0	1.0	1.5	3.0	7.5
21	1.5	1.0	1.5	1.0	1.5	1.0	1.5	3.0	3.0	3.5	4.5	5.0	4.5	6.0	6.5	2.0	2.5	1.5	1.5	1.0	1.5	1.5	1.5	1.0	2.5	6.5
22	1.5	1.5	2.0	1.5	1.5	1.5	1.0	2.0	3.0	3.5	4.5	4.5	4.0	4.0	4.5	4.5	3.0	2.5	1.0	1.0	1.0	2.5	3.5	2.5	2.5	4.5
23	1.0	2.0	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.5	3.5	3.5	7.0	4.0	2.0	2.0	1.0	1.5	1.5	3.0	1.0	1.5	1.5	2.0	2.0	7.0
24	1.5	2.5	2.5	2.0	2.0	1.5	1.5	1.5	2.0	9.0	10.5	10.5	10.5	9.0	11.5	11.5	9.5	8.0	8.0	5.0	3.0	2.0	2.0	2.5	5.5	11.5
25	2.5	3.0	2.0	2.0	4.5	8.5	7.5	8.0	9.5	10.0	7.5	9.5	6.0	5.0	5.5	10.5	13.0	10.5	9.5	6.5	6.0	3.0	2.5	2.5	6.5	13.0
26	2.5	2.5	2.5	2.5	2.0	5.5	4.5	2.5	3.5	4.0	4.5	4.5	1.5	1.0	3.5	4.5	4.5	3.0	2.5	1.5	2.0	2.5	2.5	3.0	3.0	5.5
27	2.5	3.0	3.0	2.5	2.5	2.5	2.0	2.5	3.0	4.0	4.0	4.0	6.0	6.5	6.0	6.5	6.0	6.0	5.5	5.5	3.5	4.0	3.0	3.0	4.0	6.5
28	2.0	2.5	2.5	3.0	3.0	2.5	2.5	2.5	3.0	3.5	4.0	4.5	5.5	5.0	5.0	6.0	4.5	4.5	4.5	3.0	4.0	3.0	2.0	3.5	3.5	6.0
29	3.0	3.0	3.0	2.5	2.5	2.5	3.0	2.0	2.5	3.0	6.0	9.5	9.5	8.5	9.0	7.0	5.0	5.5	3.5	2.5	3.5	3.0	2.5	2.0	4.5	9.5
30	3.5	2.5	3.5	3.0	2.5	3.0	3.0	2.5	3.0	3.0	4.0	5.0	7.5	8.0	8.5	7.5	6.5	4.0	2.5	2.5	2.5	3.0	2.5	3.0	4.0	8.5
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	2.0	2.0	2.0	2.0	2.0	2.5	2.5	2.5	3.5	4.0	4.5	5.0	5.5	6.0	6.0	6.0	5.0	4.5	4.0	3.0	2.5	2.5	2.0	2.0	3.5	( )

WIND SPEED ■ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 5

JULY, 1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.5	3.5	3.0	3.5	3.0	2.5	2.0	2.0	4.0	3.5	3.5	4.0	(MT)	8.5	7.5	6.0	5.0	5.0	4.0	2.0	3.5	2.5	2.5	2.0	4.0	8.5
2	2.5	3.0	3.5	4.0	2.5	1.5	2.5	2.5	2.5	3.5	4.0	4.5	6.0	3.5	5.5	5.0	6.0	7.0	5.5	6.0	8.5	3.5	2.5	3.0	4.0	8.5
3	2.0	2.0	2.5	2.5	2.0	2.5	2.5	2.5	3.0	5.0	5.0	4.5	4.5	5.0	6.0	4.5	2.5	3.0	3.5	5.5	5.5	2.5	2.5	2.0	3.5	6.0
4	2.0	2.0	2.0	1.5	2.0	2.5	1.5	2.0	3.5	4.0	3.5	4.5	6.0	5.5	5.5	4.5	4.0	4.0	4.0	4.0	2.5	2.0	2.0	2.0	3.0	6.0
5	2.5	2.5	3.0	2.5	2.0	2.5	3.0	2.5	2.5	3.5	3.5	5.5	5.5	5.0	4.5	8.0	9.5	6.0	2.0	7.0	12.0	7.5	5.5	1.5	4.5	12.0
6	2.5	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.5	4.5	4.5	5.0	4.5	4.0	3.0	5.5	5.5	5.5	2.5	2.0	3.0	3.0	3.5	5.5
7	2.5	2.5	2.5	3.0	2.5	2.5	2.5	2.5	3.0	(MT)	3.5	3.5	4.5	4.5	5.5	6.5	7.0	4.5	4.5	2.5	2.5	2.5	3.0	3.0	3.5	7.0
8	4.0	3.0	2.5	2.5	3.0	2.5	2.0	2.5	6.0	4.5	4.0	4.0	4.5	5.0	3.0	4.5	6.0	5.0	3.5	2.5	3.0	3.0	2.0	2.0	3.5	6.0
9	1.5	2.0	1.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.5	5.0	6.0	7.5	4.5	2.0	2.0	6.0	5.0	2.5	3.0	4.0	4.5	3.5	7.5
10	4.5	3.0	3.5	2.5	1.5	1.5	2.0	2.5	4.0	5.5	6.0	6.0	5.5	5.0	6.0	5.0	4.5	2.0	6.5	3.5	4.5	6.5	3.5	2.0	4.0	6.5
11	1.5	1.5	2.0	3.0	1.5	2.0	1.5	1.5	3.5	7.0	6.0	6.0	5.5	5.0	5.5	5.5	4.0	7.0	6.0	5.0	9.0	5.5	4.0	3.0	4.5	9.0
12	3.5	3.0	2.0	2.0	2.0	1.0	1.5	3.0	4.0	4.5	4.0	6.0	6.5	5.5	4.0	4.0	4.0	4.0	2.5	4.5	3.0	2.5	2.0	1.5	3.5	6.5
13	2.5	2.0	1.5	2.5	2.0	2.0	1.5	3.0	5.5	5.0	4.5	4.5	3.0	3.0	4.5	3.5	4.0	3.5	4.5	3.5	2.0	1.5	2.0	2.0	3.0	5.5
14	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	4.0	4.0	4.5	5.0	3.5	4.0	4.0	3.0	7.5	5.0	2.0	3.0	2.5	2.5	3.5	7.5
15	3.5	1.5	2.0	1.5	2.5	2.5	2.0	3.0	3.0	3.0	4.0	4.0	4.5	3.5	3.0	6.0	4.5	2.5	3.0	2.0	2.0	2.0	1.5	1.0	3.0	6.0
16	3.5	3.5	3.5	2.0	2.0	1.5	1.5	1.5	3.0	3.0	3.0	4.0	3.5	4.5	4.0	8.5	6.5	2.5	3.0	3.0	4.0	4.0	2.0	1.5	3.5	8.5
17	1.5	2.0	1.0	.5	2.0	1.0	1.5	2.0	2.5	3.5	3.5	3.5	4.5	6.0	6.5	5.0	4.0	3.0	2.0	1.5	3.0	6.5	8.0	8.0	3.5	8.0
18	9.5	10.5	6.5	2.5	2.5	3.5	6.0	2.5	2.5	3.5	4.5	5.5	4.5	6.0	4.5	4.0	4.0	2.5	1.5	1.5	2.0	2.0	2.0	3.5	4.0	10.5
19	2.0	2.0	2.5	2.0	2.0	2.5	2.0	2.0	3.0	4.0	3.5	4.5	4.0	5.0	5.0	5.0	5.0	3.5	3.5	3.5	2.0	2.0	2.0	2.0	3.0	5.0
20	1.5	2.0	3.0	2.5	2.0	2.5	2.0	4.0	2.5	3.5	3.5	4.0	4.0	4.5	4.0	5.0	8.5	8.0	5.0	2.5	2.0	2.0	4.5	3.5	3.5	8.5
21	3.0	2.5	2.0	2.5	2.0	2.5	2.0	3.0	3.5	4.5	4.0	4.5	4.5	4.0	3.0	7.5	3.0	4.5	3.5	3.0	2.5	2.0	2.0	2.5	3.5	7.5
22	2.0	2.5	2.0	2.5	2.5	2.5	2.5	3.0	3.5	4.0	3.5	4.0	5.5	4.5	5.0	5.0	6.0	6.5	4.5	4.5	4.0	3.0	1.5	2.5	3.5	6.5
23	2.5	2.5	2.0	2.0	1.5	1.5	2.0	2.0	2.5	3.5	5.5	5.5	5.0	6.5	6.5	6.0	9.5	3.0	1.5	2.5	2.0	1.5	2.5	2.0	3.5	9.5
24	2.0	2.5	2.0	2.5	2.0	2.0	2.5	2.5	2.5	3.0	4.0	5.0	5.5	6.0	5.5	5.5	4.5	5.5	5.0	4.0	3.0	2.5	3.5	2.5	3.5	6.0
25	2.5	2.5	2.0	2.5	1.5	2.5	2.5	2.0	2.5	3.5	3.0	3.5	6.0	6.0	6.0	4.5	7.5	3.5	3.0	4.0	2.5	2.5	2.0	2.0	3.5	7.5
26	2.5	2.0	2.0	3.0	2.5	2.5	2.5	2.0	2.5	4.0	4.0	5.0	5.0	5.0	6.0	6.0	5.0	7.0	4.5	1.5	2.0	2.0	2.0	1.5	3.5	7.0
27	2.0	2.0	2.0	2.5	2.0	2.0	2.5	2.0	2.5	3.5	3.5	4.0	4.5	4.5	4.5	4.5	5.0	4.5	2.5	1.5	3.5	2.5	2.5	2.5	3.0	5.0
28	2.0	1.5	2.0	1.5	2.5	2.0	2.0	2.0	2.5	3.5	5.0	5.0	5.0	5.5	8.0	7.0	5.5	5.0	4.0	2.5	1.5	2.0	2.0	2.5	3.5	8.0
29	1.5	2.5	2.5	3.5	2.0	1.5	1.0	1.5	2.0	3.0	4.0	7.0	3.5	4.0	3.0	2.5	6.0	5.0	3.5	3.0	2.0	3.0	2.0	1.0	3.0	7.0
30	1.5	1.5	2.0	1.0	1.0	1.0	1.5	1.5	2.0	3.5	4.5	4.5	6.0	4.0	3.5	3.0	3.0	4.5	3.5	2.0	2.0	1.5	2.5	2.5	2.5	6.0
31	3.5	1.5	3.5	5.5	2.0	4.5	3.0	2.0	3.5	3.5	5.0	7.0	5.5	5.5	4.5	4.0	7.0	6.5	9.5	5.0	2.5	2.5	3.0	2.0	4.5	9.5
AV	2.5	2.5	2.5	2.5	2.0	2.0	2.0	2.5	3.0	4.0	4.0	4.5	5.0	5.0	5.0	5.0	5.0	4.5	4.0	3.5	3.5	3.0	3.0	2.5	3.5	[ ]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	355	5	355	350	355	355	30	20	100	75	60	30	165	180	200	335	305	330	305	230	330	355	350	10	1	
2	350	355	340	355	0	5	5	355	30	80	335	300	135	245	275	305	310	335	310	285	305	0	350	355	1	
3	355	0	0	355	350	340	345	15	345	15	210	230	175	185	220	180	180	190	175	180	310	330	340	320	9	
4	205	340	335	350	355	0	350	255	175	175	175	170	170	170	175	190	175	175	170	165	275	300	300	160	9	
5	155	170	190	185	175	255	285	225	25	15	10	345	300	160	105	95	180	170	240	170	160	230	165	345	9	
6	315	10	15	240	285	330	0	300	155	185	180	170	175	225	185	210	200	210	235	225	190	190	175	175	9	
7	180	215	180	320	330	285	355	175	165	180	165	165	165	165	225	225	240	225	245	225	215	170	340	315	11	
8	250	325	355	10	0	5	70	50	60	320	245	280	220	295	300	75	190	275	315	350	335	235	220	10	1	
9	340	320	0	350	355	0	5	45	65	85	65	345	165	150	155	175	320	35	245	355	345	350	355	345	1	
10	5	355	355	350	330	0	0	10	30	70	255	140	180	260	0	300	340	335	310	345	330	355	350	350	1	
11	0	350	355	0	0	355	10	80	10	260	55	35	315	285	195	270	210	235	345	345	345	290	255	215	1	
12	285	285	290	215	170	230	305	245	110	0	355	350	15	20	295	35	45	30	320	180	340	350	295	290	14	
13	350	350	350	0	340	355	340	340	350	240	150	230	300	315	170	345	330	315	300	335	340	350	350	5	1	
14	5	355	350	345	350	10	15	15	50	25	45	45	245	20	225	345	325	200	165	270	345	355	10	355	1	
15	350	350	345	355	5	345	270	10	355	25	70	15	195	280	340	205	175	170	185	280	350	325	340	0	1	
16	345	340	5	340	350	0	5	40	45	55	165	270	330	335	15	85	345	250	240	215	330	265	210	240	16	
17	260	350	15	350	330	345	355	10	60	240	210	320	0	230	190	325	220	45	185	250	330	310	195	305	1	
18	0	355	5	355	340	10	340	345	15	170	165	160	170	160	165	165	170	15	190	185	275	220	320	350	1	
19	350	355	355	5	0	350	0	10	325	5	10	135	225	220	185	200	175	175	175	175	255	0	290	335	1	
20	265	175	170	180	160	20	330	350	355	340	300	305	200	295	335	330	320	280	255	200	250	155	325	180	(VA)	
21	245	295	305	355	165	165	160	165	165	165	165	210	220	200	185	175	150	170	165	180	215	220	195	315	8	
22	345	0	335	215	195	345	15	270	230	300	350	170	295	330	200	200	240	175	175	180	345	310	345	340	16	
23	0	345	350	255	355	350	340	45	240	220	270	220	270	210	210	235	240	180	210	350	240	340	350	0	1	
24	0	355	350	350	345	0	15	30	50	30	205	240	225	235	210	240	220	205	205	205	185	320	310	265	(VA)	
25	325	230	270	95	280	355	335	345	285	15	5	15	10	310	35	355	335	330	335	315	315	225	230	250	16	
26	270	330	310	345	210	305	15	25	25	350	300	105	240	250	25	5	305	320	330	350	345	350	285	320	15	
27	190	215	195	225	280	255	340	320	350	240	5	340	170	160	155	270	305	185	300	310	15	310	330	330	(VA)	
28	340	335	195	180	245	255	195	205	235	165	165	180	315	285	330	0	15	10	5	5	355	0	15	250	1	
29	350	315	270	190	340	350	15	0	5	15	25	15	30	25	40	20	30	10	5	355	270	180	340	355	(VA)	
30	335	0	355	350	345	350	0	5	5	45	270	(VA)	245	300	255	190	175	215	225	290	5	295	345	350	1	
31	0	0	345	325	345	270	10	15	15	5	260	15	195	0	0	40	125	320	295	185	210	280	315	355	1	
PV	1	1	1	1	1	1	1	1	1	2	(VA)	2	9	(VA)	9	9	9	9	9	9	16	1	(VA)	1	(VA)	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	330	330	355	345	350	270	70	5	200	0	0	355	20	165	195	80	80	340	320	330	0	345	350	340	1	
2	350	335	295	345	330	345	10	50	[MT]	100	155	140	25	70	260	345	10	235	240	325	300	330	255	325	16	
3	285	280	315	345	0	355	325	145	225	285	255	300	345	270	315	335	315	355	320	250	270	255	195	300	15	
4	310	270	320	315	265	0	150	175	145	295	250	210	225	270	240	230	325	240	340	320	325	350	355	325	15	
5	350	295	355	300	355	5	335	170	270	[VA]	85	110	270	280	310	295	210	265	265	315	350	355	350	350	1	
6	0	355	315	340	30	0	60	0	40	160	45	140	195	335	180	355	185	250	290	340	355	0	0	0	1	
7	320	0	330	345	225	255	265	25	345	350	345	5	325	340	350	310	330	275	215	200	340	250	200	170	16	
8	80	260	140	335	205	305	350	5	10	10	55	180	210	225	195	190	185	265	350	330	355	345	350	10	1	
9	325	305	245	260	275	230	10	35	35	45	20	55	5	5	5	230	195	210	180	200	275	0	335	345	1	
10	75	345	330	300	345	350	0	150	145	30	10	350	25	355	10	245	235	220	170	245	200	205	315	305	1	
11	345	325	345	15	5	315	15	340	60	5	140	265	170	205	220	220	220	175	205	340	335	330	330	355	16	
12	350	355	350	350	330	355	355	40	75	25	[PF]	[PF]	[PF]	235	0	225	195	190	195	245	355	10	10	355	1	
13	350	355	355	340	355	350	350	350	150	185	180	190	185	255	265	330	315	335	335	330	335	325	355	10	1	
14	325	0	310	335	330	310	345	125	265	325	305	275	260	290	330	305	295	315	355	350	350	255	340	350	15	
15	350	350	10	355	355	350	10	5	140	180	165	50	250	290	310	330	295	335	340	335	300	355	355	0	1	
16	320	270	270	305	310	310	350	185	170	315	320	260	210	335	325	330	325	330	340	325	330	345	340	320	15	
17	220	305	295	355	345	335	315	285	20	250	25	180	135	150	130	20	10	325	10	350	345	0	325	285	1	
18	280	345	230	205	330	225	220	220	315	325	305	315	150	160	155	220	230	210	175	215	195	335	325	270	11	
19	245	265	290	215	195	255	5	120	175	35	190	200	295	290	310	335	335	340	330	5	320	335	340	290	16	
20	335	330	340	340	340	340	310	135	160	175	30	200	165	30	180	245	335	335	320	310	310	305	355	330	16	
21	10	260	315	300	315	345	355	205	50	220	0	320	285	185	185	230	215	185	210	310	10	330	330	5	1	
22	330	350	350	335	330	330	10	90	45	105	270	220	220	340	275	250	205	185	190	260	355	350	335	345	16	
23	325	315	350	315	300	345	25	335	200	260	155	240	200	210	90	205	160	355	310	320	50	335	0	350	15	
24	0	355	345	350	345	350	30	130	95	190	170	175	175	175	175	175	180	180	175	195	310	20	340	350	9	
25	340	345	340	305	175	185	180	175	180	175	190	195	215	245	265	335	340	340	325	340	330	325	330	40	16	
26	345	350	315	10	0	5	5	70	120	5	140	300	25	[IM]	120	100	335	335	325	15	350	355	350	350	1	
27	5	5	0	0	355	355	0	90	145	155	105	90	240	220	215	215	260	195	200	190	210	0	0	5	1	
28	355	345	345	355	355	0	15	60	115	145	160	105	190	275	270	215	230	210	215	210	350	5	335	355	1	
29	5	325	355	355	350	0	15	40	100	200	125	170	170	170	175	185	205	195	235	260	0	290	0	15	1	
30	350	330	350	350	350	5	20	120	135	150	135	110	170	170	170	170	180	200	205	305	355	0	10	355	1	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[VA]	
PV	1	1	1	16	1	1	1	1	7	[VA]	[VA]	9	9	[VA]	9	11	[VA]	16	15	15	1	1	1	1	[VA]	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	355	355	355	350	350	0	15	70	140	160	170	165	(MT)	185	180	200	185	180	190	245	350	10	345	350	1	
2	355	0	355	350	350	340	10	(VA)	135	150	170	10	350	25	340	300	330	280	105	165	150	180	290	190	1	
3	245	330	340	345	30	350	0	25	60	30	170	170	165	195	315	275	255	235	220	250	225	205	325	325	(VA)	
4	45	325	320	320	355	0	5	75	130	155	135	325	305	335	185	175	195	190	335	245	235	255	355	310	15	
5	330	30	325	200	275	330	350	160	235	45	170	160	175	300	320	320	345	0	205	355	20	20	340	265	16	
6	25	355	280	10	0	5	345	105	45	85	20	155	210	175	95	275	130	0	350	320	5	345	350	0	1	
7	5	0	5	0	340	0	45	45	150	(MT)	125	110	140	110	10	35	15	20	15	355	330	320	350	345	1	
8	340	290	315	245	340	240	215	195	30	335	160	255	280	345	20	205	350	330	245	270	295	340	285	165	16	
9	270	0	310	355	10	315	325	20	105	100	185	50	35	175	165	170	165	305	0	45	300	0	345	340	1	
10	345	335	335	310	240	330	190	120	30	20	5	50	15	20	25	60	60	195	15	10	10	5	345	230	2	
11	270	155	265	350	0	355	5	300	315	25	10	10	315	65	50	45	35	330	330	280	5	30	5	335	1	
12	340	310	95	290	195	270	315	120	30	30	65	20	40	10	155	185	215	335	300	160	170	190	220	345	(VA)	
13	350	355	350	345	335	0	355	80	170	170	225	250	170	190	195	205	195	200	210	235	225	260	340	0	1	
14	350	315	315	350	335	355	80	115	145	135	175	140	195	145	190	195	205	195	320	155	235	290	220	285	(VA)	
15	320	325	0	345	330	0	0	15	40	100	330	260	170	170	320	335	315	270	320	260	250	345	320	280	15	
16	280	280	255	275	15	175	150	155	180	295	280	195	190	155	185	275	350	200	225	210	230	215	220	210	13	
17	295	305	355	325	355	330	195	175	200	165	305	270	195	205	235	220	220	225	225	315	350	10	345	350	(VA)	
18	320	340	340	330	0	340	5	300	295	110	70	285	75	325	165	65	200	220	245	30	325	340	345	355	16	
19	350	335	0	350	355	355	50	130	105	125	120	245	165	215	290	330	355	320	340	335	235	0	320	330	1	
20	325	5	10	335	0	350	330	335	120	120	150	245	140	190	165	225	335	330	340	345	260	235	340	355	16	
21	250	180	335	295	330	335	95	5	105	135	175	255	135	75	100	285	165	165	215	250	335	20	320	320	16	
22	0	295	335	50	335	330	0	25	140	145	155	105	310	280	155	175	350	340	330	335	350	265	245	0	16	
23	330	350	345	325	325	330	25	150	165	270	255	315	305	35	30	345	345	285	295	15	335	330	350	350	16	
24	350	0	350	355	355	330	5	70	75	160	150	355	5	255	10	310	5	340	345	345	100	330	355	305	1	
25	330	315	0	345	335	335	0	55	225	125	40	225	320	295	60	335	90	0	335	340	25	230	305	295	16	
26	285	335	325	325	305	300	300	25	155	180	190	60	125	355	50	355	300	340	200	185	300	310	30	280	14	
27	290	5	325	335	345	325	0	120	135	140	115	175	185	140	125	190	195	170	190	315	345	275	300	230	9	
28	285	330	345	325	330	0	345	285	340	230	290	350	175	240	170	170	175	185	190	350	335	140	290	245	(VA)	
29	305	310	300	195	255	300	335	250	210	300	290	(FO)	230	350	310	320	290	225	220	205	305	315	270	305	15	
30	355	320	345	340	270	65	300	0	335	70	270	215	190	230	105	190	185	220	325	335	335	355	335	340	16	
31	310	245	250	265	335	305	315	340	340	270	10	0	300	215	250	75	345	350	330	175	185	240	345	350	16	
PV	1	1	1	1	(VA)	1	1	(VA)	7	7	9	(VA)	9	9	(VA)	9	(VA)	16	16	16	(VA)	(VA)	16	1	(VA)	

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10.0	10.0	9.0	9.0	7.0	8.5	4.5	3.0	3.5	5.5	6.0	6.5	9.0	14.0	12.0	8.0	17.5	17.5	10.5	4.0	8.5	11.5	8.5	6.0	8.5	17.5
2	8.0	9.5	10.5	10.5	9.5	9.5	8.0	4.5	4.0	4.5	6.5	7.5	11.0	16.0	12.5	9.0	6.5	6.0	2.0	1.5	2.5	6.0	11.5	13.5	8.0	16.0
3	11.0	10.0	9.0	8.0	10.0	10.0	7.0	4.5	4.0	6.0	7.5	9.0	13.5	17.5	17.0	18.5	19.0	20.0	17.5	13.5	12.5	16.0	17.0	17.0	12.5	20.0
4	16.0	16.0	16.5	14.0	12.5	11.0	9.5	19.5	25.0	34.0	26.5	32.5	28.0	24.5	23.0	27.5	29.0	27.0	23.5	21.5	22.0	18.5	17.0	8.5	21.0	34.0
5	5.0	5.0	3.5	6.0	7.0	5.5	2.5	1.0	1.0	1.0	4.5	8.5	12.0	13.5	8.5	8.5	10.5	11.0	6.0	8.5	8.5	10.5	9.0	12.0	7.0	13.5
6	11.5	12.5	14.0	17.0	17.0	16.0	15.5	13.5	14.5	18.0	19.5	19.0	22.0	15.0	16.5	21.5	20.5	17.0	15.0	13.0	13.0	19.0	20.0	21.5	17.0	22.0
7	22.0	21.0	15.5	18.5	20.0	19.0	20.0	15.5	18.5	19.5	20.5	23.0	22.5	22.0	20.5	21.0	22.0	17.0	13.0	13.5	16.0	9.5	8.0	6.0	17.5	23.0
8	6.0	6.5	6.0	2.0	1.0	1.0	2.5	1.5	4.0	7.5	12.0	16.0	15.0	12.5	14.0	9.5	10.0	13.0	5.5	9.0	9.5	11.5	5.5	11.5	8.0	16.0
9	14.0	9.0	10.0	8.0	10.0	9.0	6.0	1.5	3.5	3.0	4.5	5.0	13.0	15.0	7.5	10.5	20.0	8.0	1.0	5.0	5.5	9.5	14.5	12.0	8.5	20.0
10	8.0	5.5	9.5	10.0	11.5	9.5	7.5	2.5	4.0	3.5	3.0	6.0	6.5	13.5	10.5	6.5	9.5	6.0	5.0	4.0	7.5	8.5	6.0	9.5	7.0	13.5
11	8.5	8.0	8.0	8.5	11.0	10.5	7.5	2.0	1.5	5.0	4.5	5.0	6.0	9.0	8.0	6.5	15.0	15.5	11.5	11.0	13.0	12.5	17.0	24.5	9.5	24.5
12	24.0	25.0	24.0	23.0	12.0	8.0	9.0	12.0	15.0	6.5	6.5	10.5	11.0	8.0	9.5	8.5	7.0	12.5	9.5	5.0	8.0	4.0	3.5	2.5	11.0	25.0
13	4.5	5.5	7.0	8.5	10.5	12.5	7.5	5.0	4.0	4.5	5.5	6.0	6.5	6.5	6.0	7.0	6.0	2.5	4.0	4.0	7.0	13.0	12.5	5.5	6.5	13.0
14	10.5	7.0	6.5	7.5	8.0	7.0	5.5	2.5	3.0	3.5	3.5	5.0	6.5	6.5	7.5	7.0	4.5	1.5	5.0	5.0	10.0	12.0	8.5	10.0	6.5	12.0
15	8.5	8.0	11.5	7.5	7.5	7.0	4.5	3.0	2.5	3.5	5.0	7.0	5.5	13.5	14.0	9.0	8.0	20.0	13.5	10.5	12.5	13.0	11.0	13.5	9.0	20.0
16	11.0	4.0	1.0	5.0	7.0	6.5	2.5	1.0	2.5	14.0	15.0	13.0	15.5	11.5	8.5	20.0	9.0	20.5	15.5	8.5	6.5	9.5	9.0	6.0	9.5	20.5
17	5.5	5.5	9.5	4.5	4.5	7.5	7.0	5.5	5.0	4.5	9.0	9.0	9.5	10.0	6.0	16.5	11.0	6.0	7.0	8.0	8.0	12.0	10.0	3.5	7.5	16.5
18	3.5	8.5	6.5	6.5	9.0	9.0	4.0	2.5	7.5	15.5	15.0	17.5	19.5	19.0	21.0	22.5	20.5	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	12.0	22.5
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	9.0	23.5	23.0	22.5	23.0	21.5	21.5	24.5	24.5	22.0	10.5	7.0	7.0	18.5	24.5
20	13.0	21.5	14.0	6.5	5.0	15.5	18.0	17.0	10.5	6.5	6.5	22.0	17.0	24.0	14.5	8.0	8.5	18.0	20.5	22.0	16.5	5.5	7.5	3.5	13.5	24.0
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	21.0	20.0	21.5	15.5	13.5	17.0	17.0	16.5	17.5	14.5	16.5	16.5	9.5	3.0	4.0	15.0	21.5
22	7.5	6.5	4.5	5.0	5.0	5.5	6.0	4.0	6.0	6.5	8.5	12.5	13.0	16.5	14.5	10.5	6.0	8.0	10.0	8.5	8.0	7.5	11.5	9.5	8.5	16.5
23	7.0	9.0	10.5	7.5	7.0	8.5	7.5	5.5	7.0	9.5	12.0	15.0	14.5	15.0	15.0	10.5	10.5	9.0	11.5	7.0	6.5	3.0	9.0	5.5	9.5	15.0
24	5.5	7.5	5.5	6.5	5.0	6.5	4.5	2.0	4.0	4.0	9.5	(PF)	12.5	18.0	19.5	20.0	20.0	19.0	16.0	17.5	18.5	18.5	18.5	11.0	11.5	20.0
25	6.0	9.5	19.0	14.5	13.5	12.0	22.0	20.5	12.0	9.0	13.5	14.5	13.5	11.0	8.0	7.0	7.0	8.0	7.0	5.5	5.5	8.0	16.5	8.5	11.5	22.0
26	9.5	8.5	10.5	9.5	12.0	11.5	6.0	4.0	5.5	6.5	6.5	7.5	7.0	8.5	8.0	7.5	6.0	4.0	3.5	4.0	8.0	4.5	3.5	6.5	7.0	12.0
27	10.5	17.0	10.0	11.0	7.0	5.5	3.0	3.5	3.0	4.0	5.5	7.5	20.0	13.0	5.5	10.0	23.0	(PF)	13.5	5.5	4.0	3.0	5.5	10.5	8.5	23.0
28	13.0	5.0	3.5	4.5	3.0	3.0	1.5	4.0	7.5	7.5	9.0	3.0	6.0	10.5	9.5	11.0	22.0	14.5	19.0	15.5	14.5	12.0	5.0	6.0	9.0	22.0
29	8.0	7.0	4.5	4.5	5.0	8.0	17.0	14.0	21.0	14.0	12.5	11.5	15.5	19.5	18.0	16.5	12.5	11.5	10.5	9.5	7.5	4.5	3.5	4.5	11.0	21.0
30	7.5	13.5	9.5	10.5	10.5	11.0	7.5	3.5	3.5	4.0	4.0	4.5	5.5	5.0	6.5	7.0	6.5	4.5	3.5	4.0	6.5	9.5	11.0	12.0	7.0	13.5
31	12.0	10.0	13.0	7.5	14.0	7.0	7.5	4.0	7.5	7.0	4.5	4.5	7.0	6.0	10.0	7.5	7.5	5.5	12.0	5.5	7.0	10.5	10.0	9.5	8.0	14.0
AV	10.0	10.0	9.5	9.0	9.0	9.0	8.0	6.5	7.5	8.5	9.5	11.5	13.0	14.0	12.5	12.5	13.5	12.5	11.0	9.5	10.5	10.0	10.0	9.5	10.5	( )

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10.5	12.0	12.0	10.5	8.5	6.0	6.5	12.5	13.0	9.0	4.5	5.0	6.0	8.0	5.5	5.5	8.0	7.0	5.5	5.5	7.5	10.0	5.5	5.5	8.0	13.0
2	4.5	9.5	9.5	8.0	9.5	5.0	4.0	3.5	5.0	4.0	6.0	6.0	5.0	5.0	5.5	11.0	7.5	5.5	3.5	7.5	5.0	5.5	6.0	7.5	6.0	11.0
3	6.5	4.5	8.0	9.0	9.0	12.0	6.0	2.5	3.0	3.5	4.5	4.5	9.5	16.0	21.0	35.5	11.5	8.0	10.0	16.0	17.5	7.0	7.5	9.5	10.0	35.5
4	4.0	3.5	6.5	5.5	7.0	9.0	7.0	5.5	4.0	4.5	5.0	5.0	7.0	6.5	7.0	6.0	5.0	3.5	4.5	5.5	6.5	10.5	10.5	5.0	6.0	10.5
5	10.0	13.5	10.0	11.5	10.5	10.5	6.5	2.5	4.5	3.5	5.0	6.5	[MT]	[MT]	[MT]	8.5	7.5	5.5	2.5	3.5	9.0	10.0	11.0	9.5	7.5	13.5
6	10.0	8.5	8.0	10.5	9.0	9.5	5.5	4.5	3.5	4.0	5.0	6.5	10.0	10.5	10.0	8.5	9.0	6.0	5.0	5.5	9.0	15.0	9.0	12.5	8.0	15.0
7	7.0	5.0	6.5	5.0	8.0	6.0	3.5	5.0	14.5	16.0	10.0	8.5	12.5	18.0	8.0	12.5	18.5	15.0	11.5	5.5	7.0	12.5	5.5	7.0	9.5	18.5
8	7.0	4.5	4.5	5.5	11.0	7.0	7.0	2.5	2.5	4.5	3.0	8.0	10.5	15.0	15.0	13.0	12.0	13.5	16.0	11.5	8.0	9.0	3.5	2.5	8.0	16.0
9	4.0	5.0	4.0	3.5	5.5	3.5	7.5	10.5	12.5	12.5	13.5	12.0	10.5	19.0	18.0	23.0	18.5	12.5	7.5	5.5	2.0	6.0	7.5	6.5	9.5	23.0
10	6.0	10.0	3.0	1.0	6.0	7.0	4.5	2.5	5.0	6.5	11.5	12.5	13.0	12.0	12.5	6.0	10.0	6.5	2.5	5.0	5.0	5.5	8.5	10.5	7.0	13.0
11	10.5	11.0	12.0	14.5	10.5	10.5	7.5	4.0	3.5	4.0	5.5	7.5	9.5	9.5	9.0	10.0	12.0	8.5	5.0	3.0	15.0	6.5	6.0	7.5	8.5	15.0
12	5.5	3.5	8.5	9.5	12.5	7.0	6.0	4.5	4.5	7.0	7.5	5.0	7.5	11.0	12.5	17.0	14.5	10.0	7.5	10.0	11.0	7.0	7.0	6.5	9.5	17.0
13	5.5	7.5	10.0	14.0	10.5	7.5	7.0	4.0	3.5	4.0	6.5	14.0	17.5	17.0	22.0	22.0	25.5	23.0	22.0	16.5	10.5	4.5	7.0	10.5	12.0	25.5
14	13.0	8.0	9.0	21.0	9.0	3.0	5.5	6.0	9.5	13.5	15.5	20.5	17.0	18.0	19.5	19.5	20.5	24.0	24.0	24.0	21.5	13.0	5.0	6.5	14.5	24.0
15	11.5	11.5	12.5	8.0	10.5	10.5	6.5	3.0	5.0	9.5	7.0	11.5	16.5	23.0	23.0	20.5	24.0	23.5	19.5	9.5	4.0	11.0	9.5	5.0	12.5	24.0
16	10.5	6.0	5.0	7.0	7.5	6.0	6.5	4.5	7.5	12.5	15.0	17.5	18.0	26.5	33.0	32.5	29.0	26.0	24.5	18.5	10.0	2.5	6.0	7.0	14.0	33.0
17	5.5	6.0	6.0	7.5	4.0	7.0	5.5	2.5	1.5	7.0	8.5	7.0	4.0	4.5	2.0	3.5	9.5	14.0	12.5	9.0	11.5	15.5	17.5	8.0	7.5	17.5
18	9.0	14.0	9.0	15.5	9.5	13.5	8.5	9.0	20.0	21.5	20.0	19.0	4.5	9.5	17.0	20.5	18.5	17.5	23.0	20.0	12.5	5.5	4.5	3.0	13.5	23.0
19	3.0	5.5	3.5	7.0	6.0	5.0	4.0	5.5	14.0	7.0	21.5	20.0	16.0	14.5	22.5	18.5	16.5	17.0	18.5	5.0	4.5	8.0	8.0	5.0	10.5	22.5
20	2.5	2.0	2.0	6.0	9.5	10.0	4.5	4.0	4.0	4.5	4.0	19.0	16.0	12.5	17.0	18.5	19.5	16.5	12.5	7.5	1.5	4.0	8.5	4.0	9.0	19.5
21	6.5	6.5	4.5	4.0	6.0	4.0	2.5	5.0	5.5	6.0	6.0	11.5	11.5	15.5	17.0	16.5	16.0	10.0	5.5	6.0	6.5	8.5	10.0	5.0	8.0	17.0
22	4.5	8.5	7.5	9.0	5.5	5.0	5.0	3.0	4.0	3.5	5.0	6.0	8.0	11.0	6.5	12.0	10.0	7.5	5.0	5.0	8.0	13.0	14.0	7.0	7.0	14.0
23	8.5	9.0	13.5	12.0	8.0	5.5	5.0	4.5	2.5	4.0	4.0	5.5	16.5	[PF]	9.0	5.0	2.0	4.5	9.5	5.0	5.0	8.5	10.0	13.5	7.5	16.5
24	10.0	7.0	6.0	2.0	1.5	1.5	1.0	3.5	6.5	24.0	24.0	23.0	24.5	25.0	25.5	24.5	33.0	23.0	21.5	13.0	7.5	9.5	10.0	8.5	14.0	33.0
25	7.0	6.0	9.0	13.5	16.0	22.5	17.5	19.0	24.0	23.5	24.0	22.5	18.0	11.0	16.5	27.0	32.0	37.0	33.0	27.5	22.5	14.5	6.5	4.0	19.0	37.0
26	9.5	13.5	11.0	13.5	10.0	9.5	6.5	5.0	4.5	5.5	5.5	6.5	5.5	7.5	7.5	5.5	7.5	5.5	4.0	2.0	5.5	10.0	10.5	10.0	7.5	13.5
27	12.0	8.5	7.0	6.0	4.0	4.5	3.5	1.5	2.5	4.0	5.0	9.0	18.0	21.5	21.0	22.0	19.0	19.0	19.0	17.0	12.0	10.0	7.5	8.5	11.0	22.0
28	8.5	7.0	11.0	9.5	9.0	14.0	7.0	2.5	5.5	3.0	6.0	9.0	9.0	11.5	14.5	16.0	17.5	20.0	16.0	11.0	11.5	15.0	15.5	15.5	11.0	20.0
29	12.0	5.5	4.0	6.5	8.0	6.5	3.0	2.0	4.0	3.5	16.5	18.0	20.5	20.0	21.0	21.5	20.5	18.5	15.0	11.0	13.0	13.0	6.0	2.5	11.5	21.5
30	2.5	3.0	5.0	7.5	10.0	6.5	4.0	2.5	3.5	4.5	5.5	12.0	18.5	18.5	21.5	20.0	19.5	15.5	13.5	10.5	10.5	12.0	9.0	8.0	10.0	21.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	7.5	7.5	7.5	9.0	8.5	8.0	6.0	5.0	7.0	8.0	9.5	11.5	12.5	14.0	15.0	16.0	16.0	14.0	12.5	10.0	9.5	9.5	8.5	7.5	10.0	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	13.5	9.5	8.5	8.0	5.0	3.5	2.0	3.0	4.0	4.5	5.0	14.5	22.0	21.0	21.5	19.0	17.0	16.0	15.5	13.5	12.0	11.5	8.5	9.0	11.0	22.0
2	8.5	7.5	6.0	5.0	1.5	5.0	5.5	3.0	5.5	5.5	7.0	5.5	9.5	8.0	12.5	15.0	19.0	17.5	16.5	17.5	25.0	9.0	9.5	6.0	9.5	25.0
3	3.5	5.5	4.0	12.0	5.5	2.5	4.5	4.0	11.5	10.0	12.0	12.5	9.0	12.0	18.5	10.5	4.0	3.0	9.5	11.5	3.5	6.0	5.5	7.0	8.0	18.5
4	4.5	3.0	7.5	6.5	9.0	7.0	5.5	3.0	4.0	6.5	10.0	11.0	13.0	11.0	13.5	14.0	9.5	11.0	17.0	12.0	9.0	5.5	6.0	8.5	8.5	17.0
5	8.0	4.0	6.0	10.5	9.0	7.0	6.5	2.5	4.0	7.5	6.0	9.5	12.0	11.0	9.5	16.5	17.0	11.5	6.0	11.5	24.0	18.0	9.0	7.0	9.5	24.0
6	5.5	2.5	5.0	7.5	9.0	9.0	9.0	4.0	4.5	7.5	8.0	6.0	5.5	9.5	8.0	9.0	5.5	9.5	13.0	10.0	4.5	5.0	7.0	11.0	7.5	13.0
7	10.0	9.5	13.0	9.5	10.0	6.5	7.0	4.0	2.5	8.5	6.0	8.0	5.0	8.5	10.5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	8.0	13.0
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	5.0	6.5	6.0	7.0	9.0	13.5	16.5	12.0	9.0	7.5	7.0	4.5	3.5	8.0	8.0	16.5
9	4.5	6.0	5.0	7.0	9.5	7.0	3.0	6.0	4.0	6.0	6.0	8.0	10.5	17.0	19.0	13.5	7.5	4.0	14.0	12.5	7.5	4.0	9.0	7.0	8.0	19.0
10	5.5	3.5	4.0	5.0	5.5	9.0	7.0	3.0	4.5	9.0	10.0	11.5	12.0	9.5	14.0	11.5	9.0	6.5	13.5	11.5	14.0	14.0	4.5	4.0	8.5	14.0
11	4.5	3.0	7.5	10.0	8.5	8.5	4.0	5.5	4.5	11.0	10.0	11.0	13.5	10.5	12.0	12.0	10.0	13.0	11.0	10.0	12.0	15.5	7.5	5.0	9.0	15.5
12	6.5	5.5	3.5	4.5	6.5	5.5	4.5	12.0	6.5	6.5	8.0	11.5	12.5	9.5	8.0	9.0	8.5	7.5	8.0	16.0	11.5	10.5	11.0	8.5	8.5	16.0
13	3.5	10.0	8.5	12.5	13.5	10.5	10.5	13.0	11.5	14.0	13.5	16.0	8.5	9.5	16.5	10.5	13.5	16.5	13.0	11.5	3.5	3.5	4.0	8.0	10.5	16.5
14	12.0	11.0	8.0	7.5	9.5	8.5	4.0	3.0	4.5	6.5	4.5	6.0	7.5	9.0	8.5	10.0	9.0	14.0	23.0	17.0	6.5	14.5	12.0	9.5	9.5	23.0
15	10.0	5.0	2.5	2.5	5.5	9.5	13.0	8.0	6.5	6.5	10.0	10.5	9.5	7.5	8.0	7.0	5.0	6.0	6.0	7.0	8.0	5.5	6.5	8.5	7.5	13.0
16	12.0	9.0	7.0	2.0	4.0	2.0	1.0	1.5	10.0	5.5	4.0	11.5	12.0	13.5	12.0	13.5	14.0	4.5	9.0	15.5	16.0	16.0	2.0	1.5	8.5	16.0
17	5.0	6.5	6.5	6.5	5.0	4.0	2.5	1.0	2.0	7.5	6.0	7.5	9.0	17.0	21.0	19.5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	8.0	21.0
18	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
19	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
20	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	6.0	5.5	6.0	16.0	12.5	9.5	20.0	20.5	14.5	10.5	11.5	9.0	9.0	5.5	11.0	20.5
21	6.0	9.0	10.5	7.0	6.5	3.5	3.0	4.0	4.0	8.5	8.5	9.5	11.5	7.0	12.5	24.0	12.5	17.0	15.5	10.0	8.0	3.5	5.0	7.5	9.0	24.0
22	10.5	11.5	7.5	9.0	6.0	9.0	88.0	7.0	3.5	5.0	4.5	4.5	8.5	9.0	11.0	6.5	9.5	10.0	10.5	9.0	9.0	6.5	5.0	6.0	11.0	88.0
23	5.0	7.5	8.5	9.0	8.0	10.0	8.5	2.5	4.0	4.5	8.0	7.0	10.0	9.5	10.0	14.0	17.0	5.5	2.5	5.5	3.0	3.5	5.5	8.0	7.5	17.0
24	10.5	9.5	8.5	8.0	12.0	11.0	9.0	3.5	4.5	4.5	5.5	6.0	9.5	8.5	11.5	11.0	9.0	12.0	13.0	8.5	5.0	6.5	12.5	9.0	8.5	13.0
25	9.5	10.5	10.5	8.5	11.0	9.5	5.0	2.0	3.0	4.5	4.5	6.0	9.0	12.5	9.0	9.0	15.5	6.5	7.5	8.0	17.5	11.5	4.5	5.0	8.5	17.5
26	5.0	1.5	12.0	8.5	1.5	3.0	5.5	4.5	5.5	4.5	5.5	12.0	8.0	10.5	7.5	6.5	12.0	13.0	18.5	6.5	13.5	11.0	3.0	5.0	7.5	18.5
27	5.0	5.5	6.0	5.5	8.0	11.0	4.0	3.0	3.0	5.0	6.0	5.0	7.5	6.5	10.5	12.0	12.5	11.0	9.5	8.5	12.0	15.5	13.5	9.5	8.0	15.5
28	3.0	4.0	4.5	5.5	6.0	5.5	4.5	4.0	3.5	5.5	9.5	9.0	10.5	13.5	16.5	15.5	18.5	18.0	14.0	9.5	10.0	8.5	8.0	11.5	9.0	18.5
29	3.0	10.0	15.0	14.5	8.0	7.0	6.0	9.5	11.0	12.5	10.0	9.0	9.5	6.5	5.5	6.0	14.0	14.0	10.5	9.0	7.5	6.5	3.5	3.5	9.0	15.0
30	8.0	5.5	3.5	5.5	6.0	8.0	9.5	9.0	7.0	7.5	9.0	8.5	15.5	11.5	7.0	5.0	8.5	16.0	13.0	6.0	8.0	3.5	5.5	11.5	8.5	16.0
31	5.0	1.5	12.0	8.5	1.5	3.0	5.5	4.5	5.5	4.5	5.5	12.0	8.0	10.5	7.5	6.5	12.0	13.0	18.5	6.5	13.5	11.0	3.0	5.0	7.5	18.5
AV	7.0	6.5	7.5	7.5	7.0	7.0	9.0	5.0	5.5	7.0	7.5	9.0	10.0	11.0	12.0	12.0	12.0	11.5	12.5	10.5	10.5	9.0	7.0	7.0	8.5	[ ]

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          WIND SPEED @ 20M
          (MILES/HOUR)
                                                         WHITE RIVER SHALE PROJECT,UTAH      *********************
                                                                                             *                   *
                                                         SITE A  6                           *  PRELIMINARY DATA *
                                                                                             *  AS OF 15 OCT 75  *
                                                         MAY,1975                            *                   *
                                                                                             *********************
                                                         AEROVIRONMENT INC.                  *                   *
                                                                                             *    Subject To     *
                                                                                             *     Revision      *
                                                                                             *                   *
                                                                                             *********************

                                         CLOCK HOUR  (LOCAL STANDARD TIME)
   D                                                                                                          P
   A                                                                                                          E
   T  00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE  A
   E                                                                                                          K

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  14 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
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  31 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )

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WIND SPEED ■ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	20.5	17.5	18.5	18.0	17.0	12.0	8.5	6.5	7.0	14.0	20.5
28	8.0	6.0	9.0	8.5	7.5	12.0	6.0	2.0	4.5	3.0	5.5	8.5	8.0	10.5	13.0	15.0	17.0	18.5	15.0	11.5	11.0	14.5	13.5	13.5	10.0	18.5
29	11.0	5.5	3.0	6.0	7.5	5.0	3.0	1.5	3.0	3.0	15.0	17.0	18.5	18.5	19.5	20.0	19.0	17.5	15.0	11.0	12.0	12.5	7.5	2.0	10.5	20.0
30	3.0	3.0	4.0	7.5	8.5	6.5	3.5	1.5	3.0	4.0	5.0	11.0	17.5	17.5	20.0	18.5	18.0	15.0	12.5	11.0	10.5	11.5	9.0	10.5	9.5	20.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	7.5	5.0	5.5	7.5	8.0	8.0	4.0	1.5	3.5	3.5	8.5	12.0	14.5	15.5	17.5	18.5	18.0	17.5	15.0	12.5	11.5	12.0	9.0	8.5	11.0	[ ]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	7.0	5.0	5.5	6.0	8.5	12.0	10.5	7.5	16.5	16.5	9.5	4.0	11.0	16.5	13.0	12.0	10.0	16.5
2	13.0	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	7.0	4.0	5.5	7.0	10.0	14.5	11.5	8.0	6.5	6.0	3.0	2.5	3.5	6.5	16.0	17.5	8.5	17.5
3	14.0	13.5	13.5	(OS)	(OS)	(OS)	(OS)	(OS)	6.0	5.5	7.0	8.5	12.5	17.0	16.5	17.5	18.0	19.5	18.0	14.5	11.5	15.0	17.0	17.0	14.0	19.5
4	14.5	14.0	14.5	13.0	12.5	12.0	9.5	18.0	24.5	27.5	25.0	28.0	24.5	23.5	23.0	28.0	28.0	25.5	24.0	22.0	20.5	20.5	20.0	12.0	20.0	28.0
5	7.0	8.5	7.5	9.0	9.5	7.0	5.5	5.5	8.0	6.5	5.0	8.5	15.5	15.0	11.5	(OS)	14.0	14.5	9.5	12.5	(OS)	(OS)	(OS)	(OS)	9.5	15.5
6	(OS)	(OS)	(OS)	(OS)	17.5	11.5	9.0	13.5	16.5	19.5	21.5	21.5	23.5	18.0	17.0	21.0	21.0	20.0	17.5	17.0	18.0	22.0	23.0	24.5	18.5	24.5
7	29.0	46.0	20.0	2.5	24.0	3.0	24.0	20.0	22.0	22.0	23.5	24.5	23.0	21.5	19.0	20.0	21.0	16.0	12.5	16.0	18.5	14.0	14.0	11.0	19.5	46.0
8	10.5	12.0	11.0	7.5	7.0	8.0	8.0	7.0	6.5	6.5	11.0	14.0	13.5	12.0	13.0	9.0	9.5	12.0	6.0	8.5	8.0	11.5	4.5	15.0	9.5	15.0
9	18.0	13.5	13.0	12.5	4.0	4.0	4.0	6.5	4.5	3.5	4.5	5.5	12.0	12.5	7.5	10.0	19.5	8.0	3.0	4.5	6.5	8.0	12.0	13.5	9.0	19.5
10	13.0	10.0	14.0	14.0	15.0	14.0	11.0	7.5	5.0	3.5	3.0	6.0	7.0	13.0	10.0	7.5	9.5	7.0	6.0	4.5	6.0	8.0	5.5	9.0	8.5	15.0
11	8.0	9.0	11.0	11.0	14.5	13.5	11.5	5.0	3.0	4.5	5.0	5.5	6.5	9.0	8.0	7.0	15.0	15.0	12.5	14.0	12.5	10.5	17.5	24.0	10.5	24.0
12	23.5	24.0	23.0	22.5	12.0	9.0	10.5	12.0	14.0	6.0	6.0	10.0	11.0	7.5	9.0	8.0	6.5	10.0	6.5	4.0	6.5	4.5	5.0	2.5	10.5	24.0
13	5.0	7.0	10.5	14.0	14.0	13.0	11.0	7.0	3.5	4.0	6.0	5.5	6.5	5.5	6.0	7.0	6.5	3.0	4.5	4.5	8.0	12.0	9.0	7.0	7.5	14.0
14	9.0	7.5	8.5	11.5	13.0	12.0	10.0	3.5	3.0	3.0	4.0	5.5	7.5	7.0	7.5	7.5	5.0	3.0	5.0	5.0	11.0	11.0	9.0	9.5	7.5	13.0
15	8.0	7.5	8.5	5.5	8.5	7.5	6.0	3.5	3.0	4.0	5.0	7.0	6.0	13.5	12.0	8.5	7.0	18.0	12.5	8.5	11.5	11.0	11.5	12.5	8.5	18.0
16	11.0	6.0	4.0	3.5	6.5	5.5	2.5	2.0	3.0	14.0	13.5	13.0	14.5	11.5	8.0	16.0	8.5	21.0	15.0	8.5	7.0	10.5	10.0	6.0	9.0	21.0
17	5.0	5.5	8.5	5.0	5.0	6.0	6.0	4.5	5.0	4.5	8.5	8.5	9.0	9.5	6.5	16.0	11.0	6.0	7.5	8.5	8.0	9.5	9.0	4.5	7.5	16.0
18	4.0	6.5	6.5	6.0	8.0	7.5	4.5	4.5	8.0	14.5	15.0	17.0	19.0	19.0	21.0	22.5	20.5	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	12.0	22.5
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	8.5	23.0	23.0	22.5	22.5	21.5	20.0	24.0	24.5	22.0	10.0	7.0	6.5	18.0	24.5
20	12.5	20.0	13.0	8.0	8.0	17.0	18.5	18.0	14.0	8.5	6.0	20.5	16.0	23.0	13.0	7.0	8.0	16.5	20.5	23.0	18.0	8.5	9.5	6.5	14.0	23.0
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(OS)	20.0	20.0	14.5	11.0	15.0	14.5	14.0	16.5	12.0	13.0	14.5	9.0	4.0	5.5	13.0	20.0
22	11.5	11.0	8.5	7.5	6.5	8.5	7.5	7.5	8.5	5.5	7.0	11.0	13.0	17.5	16.5	12.5	8.5	7.5	9.0	10.5	13.0	11.5	14.5	13.5	10.5	17.5
23	11.0	11.5	(OS)	(OS)	(OS)	12.0	11.0	8.0	9.5	8.5	10.5	12.0	12.0	13.0	13.5	10.0	9.5	8.5	10.5	7.0	7.0	4.5	9.5	9.5	10.0	13.5
24	11.5	13.0	11.5	11.5	10.0	11.0	8.0	6.5	4.0	4.5	8.5	(PF)	11.5	16.5	18.5	19.0	19.5	18.5	16.0	18.0	19.5	18.5	18.0	10.0	13.0	19.5
25	4.5	9.0	17.0	14.0	12.0	11.5	21.5	19.0	10.0	7.0	11.5	12.0	11.5	10.0	6.5	6.0	6.0	7.0	6.0	5.0	4.0	8.5	17.0	12.5	10.5	21.5
26	11.5	11.5	13.0	12.0	13.5	12.5	8.0	7.0	6.5	5.0	5.0	6.0	5.5	7.5	7.0	7.0	5.5	3.5	3.0	4.0	6.0	6.0	4.0	7.5	7.5	13.5
27	10.5	15.0	9.5	11.0	9.0	8.5	6.0	3.0	2.0	3.5	5.0	6.5	17.0	11.5	4.5	8.5	21.5	(PF)	12.5	7.5	4.5	4.5	4.5	9.0	8.5	21.5
28	11.5	6.5	7.0	8.5	7.0	9.0	6.5	6.5	11.5	10.0	13.0	7.0	7.5	9.0	7.5	10.0	21.0	13.0	17.5	14.5	13.5	12.5	7.5	8.5	10.5	21.0
29	12.0	10.5	8.5	8.0	8.5	12.0	20.0	16.5	22.5	17.0	14.0	11.0	14.5	18.0	17.0	15.0	11.0	10.5	10.0	11.5	8.5	4.5	5.0	6.5	12.0	22.5
30	11.0	15.5	12.5	12.0	12.5	12.5	10.0	7.0	5.5	2.5	3.0	3.5	3.0	3.0	5.5	6.0	5.0	3.5	3.0	2.0	5.5	9.0	10.0	11.0	7.5	15.5
31	12.5	10.5	14.5	9.5	15.5	10.5	8.0	3.0	6.5	5.5	3.5	3.0	6.0	5.5	9.0	6.5	7.0	5.0	11.5	5.5	7.0	9.5	9.5	9.5	8.0	15.5
AV	11.5	12.5	11.5	10.0	11.0	10.0	10.0	8.5	8.5	8.0	9.5	11.0	12.5	13.0	12.0	12.0	13.0	12.0	11.0	10.0	10.5	10.5	11.0	11.0	11.0	( )

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9.0	11.0	11.5	13.0	12.0	8.5	8.0	10.0	10.5	7.0	3.0	4.5	5.5	7.5	4.5	5.0	7.0	6.5	5.0	5.0	6.5	8.5	5.5	6.0	7.5	13.0
2	3.5	7.0	8.5	8.0	11.5	8.5	5.0	2.5	4.5	3.5	3.5	5.0	4.5	4.5	5.0	11.0	6.5	4.5	3.0	6.5	5.0	4.0	4.0	8.0	5.5	11.5
3	6.5	3.0	5.5	8.0	5.5	9.5	5.0	1.5	2.0	1.5	3.5	3.0	8.0	14.5	20.0	32.0	10.5	7.0	7.5	15.5	16.5	5.5	6.0	7.5	8.5	32.0
4	3.0	3.0	4.5	5.0	6.0	8.5	5.0	3.0	1.0	1.0	3.0	3.0	5.0	5.5	6.0	4.5	4.0	2.0	2.5	5.5	3.0	8.5	9.0	4.0	4.5	9.0
5	9.5	11.0	11.5	13.0	13.0	12.0	9.0	3.0	1.5	1.5	2.0	4.5	(MT)	(MT)	(MT)	7.5	7.0	6.0	2.5	3.0	8.5	9.0	9.5	9.0	7.5	13.0
6	9.0	9.0	7.0	8.5	8.0	7.0	3.5	2.0	1.0	3.5	4.5	6.0	9.0	9.5	9.0	7.5	7.5	5.5	4.0	5.0	8.5	11.5	7.5	11.5	7.0	11.5
7	7.5	3.0	5.5	4.0	7.0	5.0	3.5	5.0	13.0	14.0	9.0	7.5	11.5	17.0	7.5	11.0	19.0	14.0	9.5	3.5	6.5	11.5	4.5	5.5	8.5	18.0
8	6.0	4.5	3.5	5.0	10.0	5.0	6.5	1.0	1.5	3.0	2.5	7.0	9.0	14.0	14.5	12.0	12.0	12.5	15.0	10.5	7.0	9.0	2.5	1.0	7.5	15.0
9	1.0	5.0	4.0	2.5	4.0	3.0	4.0	7.5	10.0	10.0	11.0	9.5	8.5	18.5	17.0	21.0	17.0	10.0	6.5	4.5	4.0	6.0	7.0	6.0	8.0	21.0
10	6.0	9.0	5.0	2.5	4.5	6.0	4.5	3.0	4.5	6.0	10.5	11.5	11.5	10.0	10.5	5.5	9.0	6.5	1.5	5.0	5.5	5.0	6.5	10.5	6.5	11.5
11	10.0	12.0	11.0	12.5	7.5	8.0	6.5	4.5	3.5	3.5	5.0	6.5	9.0	8.5	8.0	9.0	11.0	7.5	4.0	.5	10.5	6.0	5.5	7.0	7.5	12.5
12	7.0	5.5	9.0	8.0	9.0	7.5	4.0	2.5	2.5	5.5	6.5	3.5	6.5	10.0	11.5	16.5	14.0	9.5	7.5	11.0	11.0	8.0	6.5	6.0	8.0	16.5
13	8.0	9.5	8.5	10.5	9.5	9.5	5.0	2.0	2.0	2.5	4.5	12.5	17.0	16.0	20.5	21.0	24.5	22.0	20.5	15.5	10.5	5.0	7.5	11.0	11.5	24.5
14	13.0	8.0	10.0	19.5	8.5	2.0	4.5	5.0	8.5	12.0	14.5	19.0	16.5	17.0	18.0	18.5	19.5	23.5	23.5	23.0	20.0	12.5	5.0	6.5	13.5	23.5
15	10.5	10.0	10.0	8.0	10.5	9.5	7.0	1.5	2.5	8.5	5.0	10.5	15.5	22.0	21.5	19.5	22.5	22.5	19.0	9.5	3.5	10.5	9.0	5.0	11.5	22.5
16	9.5	4.0	4.0	5.5	5.5	6.0	5.5	3.0	6.5	11.0	13.5	16.5	17.0	24.5	29.5	29.0	25.0	24.5	24.0	17.5	10.5	2.0	5.5	6.0	12.5	29.5
17	4.5	6.0	5.0	7.0	4.0	8.0	6.0	3.5	2.5	6.5	7.5	6.5	5.0	5.0	3.0	5.5	10.0	14.0	11.0	9.5	11.0	15.0	15.5	7.5	7.5	15.5
18	7.5	9.5	8.0	14.0	8.5	12.0	7.0	7.5	17.0	18.5	17.0	16.0	4.0	7.0	15.5	16.5	14.5	14.0	20.5	18.0	10.5	4.0	2.0	2.0	11.5	20.5
19	2.5	4.0	2.5	4.0	4.5	5.0	3.0	4.0	11.5	5.5	21.0	19.0	13.5	12.0	19.5	17.0	14.5	15.5	17.0	4.5	3.5	6.5	6.5	4.5	9.0	21.0
20	2.5	2.5	2.0	6.0	8.0	7.5	4.0	3.0	2.5	3.5	3.5	15.0	13.0	10.5	16.0	16.5	17.0	15.0	11.0	6.5	2.0	3.0	7.0	4.5	7.5	17.0
21	7.0	5.5	4.0	2.0	5.5	4.0	2.5	4.5	4.5	4.5	5.0	10.0	9.5	12.5	15.5	12.0	12.0	7.5	5.0	5.5	7.0	6.5	9.0	5.5	7.0	15.5
22	5.0	6.5	7.0	7.5	5.5	5.0	4.0	1.5	3.0	3.5	4.0	6.0	7.0	9.5	6.0	11.0	9.0	6.5	4.5	5.0	8.0	11.5	12.5	7.0	6.5	12.5
23	7.5	8.5	9.5	8.5	8.5	5.5	4.5	3.5	2.0	3.0	2.0	4.5	15.5	(PF)	7.5	4.0	1.0	4.5	10.0	4.0	3.5	7.5	8.0	10.0	6.0	15.5
24	9.0	7.5	5.0	1.5	1.5	2.5	1.5	2.0	5.5	23.5	23.5	22.0	24.0	24.5	26.0	24.5	33.0	23.0	22.0	14.5	6.5	9.5	9.5	6.5	13.5	33.0
25	7.0	7.5	11.0	12.5	15.0	21.5	17.0	18.0	24.0	23.0	23.5	21.5	17.0	9.5	15.5	25.0	29.5	33.0	29.5	24.5	20.5	12.5	6.0	2.5	18.0	33.0
26	8.0	10.0	8.0	9.0	8.0	7.5	4.0	4.0	4.0	5.0	5.0	5.5	5.0	6.0	7.0	4.5	6.5	5.0	3.0	1.0	3.0	9.5	10.5	10.0	6.0	10.5
27	8.0	10.5	6.5	6.0	4.5	2.5	1.5	1.0	1.0	1.5	2.5	6.5	17.0	21.0	20.5	21.0	18.0	19.0	19.5	19.0	13.5	10.0	7.0	6.5	10.0	21.0
28	8.5	8.0	9.5	9.5	8.5	12.0	6.5	2.0	4.5	2.0	6.0	8.5	8.5	10.5	12.5	15.0	17.0	19.0	16.0	13.0	7.5	10.5	13.0	14.0	10.0	19.0
29	12.5	7.0	1.0	4.5	5.5	3.0	1.5	1.0	1.5	1.5	15.0	18.0	19.0	19.0	20.0	21.0	20.0	18.5	16.5	12.5	10.0	12.0	6.0	1.5	10.5	21.0
30	3.0	1.5	3.0	6.0	6.5	6.5	4.0	1.0	1.0	2.5	4.0	10.0	17.5	17.0	20.0	18.5	18.5	15.5	13.0	11.5	9.0	12.0	8.5	10.0	9.0	20.0
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	7.0	7.0	6.5	7.5	7.5	7.5	5.0	4.0	5.5	6.5	8.0	10.0	11.5	13.0	14.0	15.0	14.5	13.0	12.0	9.5	8.5	8.5	7.5	7.0	9.0	( )

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	12.0	11.5	11.0	6.5	3.0	1.5	1.0	1.5	2.5	2.0	2.0	12.5	21.5	20.0	20.5	18.0	16.0	15.0	15.5	14.5	10.5	11.0	9.0	9.5	10.5	21.5
2	10.5	8.5	6.5	2.5	2.0	3.0	3.0	1.5	2.5	4.5	6.0	5.5	9.5	8.0	11.5	13.5	17.0	16.0	13.0	13.5	17.0	7.0	9.5	6.0	8.0	17.0
3	4.5	3.5	2.0	10.5	5.5	1.5	6.0	2.0	8.5	9.0	11.0	11.0	7.0	10.5	16.5	9.5	2.0	1.0	7.5	11.5	3.5	5.5	5.5	6.5	6.5	16.5
4	3.0	2.5	8.0	5.5	8.5	7.5	4.5	1.5	3.0	5.0	8.5	9.5	11.5	10.0	12.0	11.5	8.5	10.0	15.5	12.0	10.0	6.5	5.5	8.5	8.0	15.5
5	8.0	3.0	6.0	8.5	7.0	7.5	5.5	1.5	4.0	7.0	4.5	9.0	10.5	10.0	9.5	15.5	16.0	10.5	5.5	12.5	23.5	15.5	8.5	6.0	9.0	23.5
6	5.0	1.5	3.5	6.5	8.5	8.0	6.5	3.0	4.5	6.5	7.0	5.0	4.0	8.0	7.0	7.0	3.5	8.5	12.5	10.0	5.0	4.5	7.5	11.0	6.5	12.5
7	10.5	10.0	13.5	9.5	8.0	7.0	5.0	1.5	1.5	7.5	4.0	6.5	4.0	6.5	10.5	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	7.0	13.5
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	4.5	5.5	5.0	5.5	8.0	12.0	15.0	11.5	7.5	6.5	6.5	4.5	2.0	3.5	7.0	15.0
9	4.0	6.0	4.0	8.0	10.0	6.0	5.0	6.5	3.0	4.5	4.5	7.0	9.0	14.5	16.0	12.0	6.5	3.5	12.5	11.5	6.0	3.0	9.5	6.5	7.5	16.0
10	6.5	3.0	3.5	4.5	4.5	7.0	5.5	2.5	3.0	8.0	9.5	10.5	11.0	9.0	13.0	10.5	9.0	6.5	12.5	10.0	12.5	13.0	4.0	2.5	7.5	13.0
11	4.0	2.0	6.5	10.0	8.0	8.5	3.0	4.0	4.0	10.5	9.0	10.0	12.5	10.0	8.5	9.5	8.5	12.0	10.5	9.0	12.5	15.5	8.0	5.5	8.5	15.5
12	6.0	5.5	3.5	3.0	5.0	4.0	4.0	10.5	6.0	5.5	7.5	10.5	12.0	9.0	7.0	7.5	7.5	7.0	6.5	15.5	10.0	10.5	10.5	9.0	7.5	15.5
13	3.5	8.0	8.0	10.5	11.5	10.0	9.5	11.0	10.0	13.0	12.5	14.5	8.5	9.0	15.5	10.0	12.5	15.0	12.0	11.5	2.5	3.5	3.5	5.5	9.5	15.5
14	10.5	8.5	6.5	7.5	8.0	8.5	4.0	1.0	3.0	6.0	5.0	5.5	6.5	8.0	8.0	9.5	8.0	12.5	22.0	15.5	6.0	13.0	10.5	8.5	8.5	22.0
15	9.0	5.5	2.0	2.5	4.5	8.0	9.5	6.0	6.0	6.0	9.5	10.0	8.0	6.5	6.5	6.5	5.0	5.0	5.0	6.5	7.0	5.0	6.0	7.0	6.5	10.0
16	10.0	7.5	6.0	3.0	3.0	2.5	1.5	2.0	10.0	4.0	3.5	9.5	9.5	9.0	10.5	12.5	13.0	4.5	8.5	14.0	13.0	13.5	3.0	2.0	7.5	14.0
17	4.0	6.0	6.5	6.0	5.5	4.5	2.0	1.5	1.0	8.0	5.5	7.0	8.5	15.5	19.5	18.0	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	7.5	19.5
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	5.5	4.5	4.5	14.0	11.5	8.0	17.0	17.5	12.5	10.5	9.0	8.5	8.5	6.0	10.0	17.5
21	5.0	7.5	8.0	6.5	6.5	2.5	3.0	4.0	2.5	7.0	6.5	7.0	9.5	5.0	11.0	23.0	12.0	15.5	11.5	9.5	8.0	4.5	4.0	7.0	8.0	23.0
22	8.5	10.0	6.5	8.5	3.5	6.5	5.0	4.5	3.0	4.0	4.5	3.5	7.0	8.0	9.5	5.5	8.5	9.5	10.0	9.0	10.0	8.0	4.0	6.0	7.0	10.0
23	2.0	5.5	7.0	7.5	7.5	8.5	6.5	2.0	2.5	4.0	7.0	5.5	9.0	8.5	9.0	12.5	16.5	3.5	1.0	5.0	2.0	1.0	4.5	8.5	6.0	16.5
24	10.5	8.5	8.0	8.0	9.0	8.5	7.5	2.0	1.5	1.0	3.5	4.5	8.0	7.5	10.0	10.5	8.5	11.5	12.0	9.0	5.5	6.0	11.0	9.0	7.5	12.0
25	10.0	11.0	10.0	11.0	10.5	8.5	6.0	4.0	2.5	3.5	3.0	5.0	8.0	11.0	8.0	8.5	14.5	5.5	7.0	10.0	12.5	9.5	4.5	5.0	8.0	14.5
26	5.5	8.0	10.5	10.0	12.0	13.5	12.0	5.5	2.5	4.5	5.5	5.5	4.5	9.0	9.5	9.0	7.5	7.5	9.5	4.5	3.5	7.0	9.0	3.5	7.5	13.5
27	4.5	4.0	5.5	5.0	7.0	9.0	3.5	1.0	1.5	4.0	5.0	3.5	7.0	6.5	9.0	10.5	10.5	10.0	9.5	10.0	8.0	12.5	12.0	9.5	7.0	12.5
28	4.0	2.5	2.0	3.0	5.5	4.0	3.0	3.0	3.0	5.0	8.5	8.0	9.5	12.0	15.0	14.5	16.0	16.5	13.5	8.5	8.5	7.5	8.0	9.5	8.0	16.5
29	4.0	9.5	12.5	12.5	9.0	7.5	6.0	9.5	10.5	11.5	8.5	8.0	10.0	6.5	3.5	4.0	12.5	13.0	9.0	7.5	5.0	4.5	10.5	2.5	8.0	13.0
30	7.5	5.5	1.5	3.0	4.0	6.0	8.0	7.5	4.5	6.0	7.0	6.5	12.0	7.5	4.0	4.5	7.5	15.5	12.0	6.0	6.5	3.5	6.5	10.0	7.0	15.5
31	5.5	1.5	12.5	9.5	1.5	2.0	5.5	4.5	4.5	4.0	5.0	11.0	7.0	9.5	6.0	4.5	11.0	12.0	18.0	5.5	9.0	8.5	1.5	3.0	7.0	18.0
AV	6.5	6.0	6.5	7.0	6.5	6.5	5.0	4.0	4.0	6.0	6.5	7.5	9.0	9.5	10.5	10.5	10.5	10.0	11.0	10.0	8.5	8.0	7.0	6.5	7.5	( )

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	145	145	145	140	145	140	125	75	325	285	315	280	295	175	215	330	290	300	270	185	160	160	140	135	7	
2	150	145	145	145	145	135	140	110	325	310	295	230	270	285	285	290	320	290	10	110	155	160	175	165	7	
3	150	140	135	135	140	140	115	65	20	330	305	285	265	235	235	215	220	225	210	185	165	165	170	170	(VA)	
4	165	160	160	160	160	165	165	180	180	180	180	180	175	180	190	190	185	180	200	230	290	285	280	260	9	
5	165	180	205	170	155	175	150	160	50	345	315	315	250	155	110	160	210	260	265	260	215	160	170	175	8	
6	175	170	170	170	170	165	155	180	210	215	215	220	215	270	220	240	225	220	255	255	205	205	185	200	(VA)	
7	190	195	205	205	200	195	195	200	200	215	200	200	200	210	230	240	240	235	260	235	265	205	190	140	10	
8	150	140	135	95	105	130	120	100	265	290	270	270	265	275	275	305	295	270	275	330	165	300	180	165	13	
9	165	145	150	145	145	145	130	15	280	295	300	300	200	110	175	225	310	40	110	100	155	150	155	150	8	
10	125	125	155	150	155	150	145	90	300	325	300	305	285	270	275	255	265	310	35	110	150	150	140	150	8	
11	160	155	155	150	150	155	135	105	225	275	280	235	260	280	250	125	225	240	220	200	175	160	270	275	8	
12	275	280	285	275	265	225	245	275	290	255	80	90	180	75	65	65	130	90	110	140	150	105	300	195	13	
13	155	165	150	160	155	145	135	115	145	80	100	215	75	130	250	270	265	90	60	115	155	155	140	130	8	
14	150	130	140	135	140	130	110	75	120	250	260	255	280	245	280	240	320	155	120	135	160	155	155	150	(VA)	
15	150	145	145	150	145	140	140	115	150	260	290	285	175	265	120	165	175	160	135	155	160	155	155	150	8	
16	145	215	195	135	140	130	130	240	275	210	175	245	290	300	15	100	115	225	265	255	45	245	165	95	7	
17	160	130	155	125	145	155	160	130	300	265	290	275	265	280	260	275	310	75	215	205	145	160	165	195	(VA)	
18	140	155	135	125	150	150	100	95	195	190	45	185	195	205	185	180	185	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	9	
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	260	230	215	215	235	215	260	330	345	275	315	50	45	11	
20	340	275	270	245	265	90	80	70	45	45	345	280	260	330	300	310	315	285	285	290	290	20	130	325	(VA)	
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	170	210	220	230	230	210	185	155	200	160	170	240	275	235	165	11	
22	165	150	160	110	150	150	120	330	310	245	275	145	135	280	270	150	190	205	160	170	180	165	165	170	8	
23	145	140	325	330	335	135	120	95	235	260	265	290	280	275	275	270	255	245	265	235	280	175	165	150	13	
24	155	150	160	150	125	125	100	0	330	315	280	(PF)	285	235	235	245	225	220	205	205	195	170	250	295	(VA)	
25	110	265	270	270	295	340	330	325	310	350	60	60	50	65	45	345	345	315	320	340	95	230	275	255	16	
26	170	160	150	155	165	160	150	260	10	355	300	265	310	295	275	295	325	45	45	85	160	130	140	245	8	
27	310	285	325	170	125	45	120	350	330	325	345	40	165	135	210	320	290	(PF)	220	35	335	315	315	325	15	
28	345	310	235	260	270	290	195	155	130	160	180	235	320	70	85	50	30	45	20	20	10	5	55	75	(VA)	
29	0	320	285	185	285	15	55	65	55	20	55	55	55	50	60	55	55	40	45	40	55	170	155	135	3	
30	145	155	155	155	150	155	130	90	325	295	280	325	295	300	285	275	270	255	225	115	140	155	160	165	8	
31	165	160	165	145	170	130	150	115	55	40	60	145	310	280	5	75	10	75	275	175	170	160	165	165	8	
PV	8	7	8	7	7	7	7	(VA)	15	(VA)	13	(VA)	13	13	13	12	15	11	13	9	8	8	8	8	(VA)	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	160	155	155	145	140	140	140	95	80	75	220	285	225	300	225	335	60	50	45	65	145	145	145	130	7	
2	115	140	155	140	140	125	120	15	40	275	110	315	355	60	20	335	75	125	75	120	175	140	140	155	7	
3	170	125	140	155	145	150	85	95	210	120	110	325	310	285	280	285	330	330	0	305	280	85	160	110	[VA]	
4	10	145	175	140	160	170	165	230	290	285	325	335	310	285	305	250	60	130	65	75	125	160	160	140	7	
5	155	155	155	145	145	135	105	105	280	230	85	295	[MT]	[MT]	[MT]	300	285	285	60	105	145	150	150	145	[VA]	
6	160	145	180	150	140	140	115	85	330	285	260	250	285	265	270	265	275	300	300	100	150	155	150	160	8	
7	165	45	115	30	145	10	80	270	335	305	325	320	305	305	310	300	320	290	110	135	325	310	175	165	15	
8	170	210	165	255	185	60	355	330	50	10	350	295	290	280	220	230	245	280	350	75	55	35	110	215	1	
9	175	90	10	65	145	145	110	80	70	75	60	60	80	15	25	265	230	175	250	180	165	165	165	160	4	
10	165	170	135	205	145	160	215	290	275	50	65	50	45	80	60	45	240	240	180	235	210	190	160	175	[VA]	
11	180	175	170	165	170	140	120	85	350	300	280	285	295	285	290	285	275	260	265	335	160	135	145	170	14	
12	160	145	150	135	145	125	95	65	350	0	335	270	250	280	330	225	225	250	220	205	170	180	150	150	[VA]	
13	145	140	150	150	135	130	80	90	25	235	290	280	280	275	280	285	290	295	300	305	280	185	165	175	[VA]	
14	175	180	225	300	335	260	145	200	275	290	300	275	285	295	290	295	285	295	295	290	290	280	350	140	14	
15	155	155	140	125	130	135	125	290	285	270	295	290	285	290	285	285	295	295	300	285	205	160	160	135	14	
16	240	105	145	170	45	170	155	260	240	280	280	280	280	300	300	295	300	300	305	310	320	140	150	145	[VA]	
17	145	40	240	60	40	35	310	265	255	270	270	265	250	350	330	30	35	300	65	40	25	50	340	55	3	
18	165	150	235	280	285	290	245	240	285	290	295	285	325	130	135	145	150	165	170	215	290	80	155	130	14	
19	120	130	135	155	150	145	50	315	290	315	195	210	280	290	290	305	315	325	325	335	145	165	160	130	15	
20	120	115	135	155	155	140	160	300	270	260	185	150	150	145	205	275	300	315	290	295	165	135	150	105	8	
21	145	135	135	145	145	190	125	330	320	315	335	295	250	155	170	155	145	155	165	175	155	140	145	130	7	
22	130	145	130	145	125	125	120	95	345	255	0	285	290	285	225	260	210	155	145	135	165	165	165	190	7	
23	155	150	145	145	130	110	65	15	115	340	275	20	265	[PF]	55	100	125	75	55	35	125	155	145	150	7	
24	140	135	110	110	125	105	0	330	275	175	185	190	185	180	190	190	185	185	195	195	145	150	150	155	9	
25	135	120	155	165	170	180	180	180	190	190	235	225	215	190	285	300	300	290	290	280	285	305	5	120	9	
26	160	150	140	145	140	120	80	20	300	275	260	290	355	320	290	315	315	345	300	35	140	155	150	150	8	
27	140	130	125	140	125	125	135	90	330	300	300	300	220	210	240	255	255	220	195	195	185	160	220	135	7	
28	165	195	155	150	150	150	125	300	285	280	280	275	290	245	280	235	240	230	210	195	155	155	160	160	8	
29	165	325	95	140	140	145	130	65	350	95	220	185	200	200	185	205	220	195	195	185	155	160	150	355	10	
30	170	85	120	140	150	150	130	345	290	315	315	190	185	175	180	180	185	200	195	200	160	160	120	135	9	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[VA]	
PV	8	7	7	7	7	7	7	5	14	13	13	14	14	14	14	14	14	14	14	10	8	8	8	7	[VA]	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	135	130	125	105	85	105	105	285	275	300	335	205	185	200	195	185	190	185	190	215	175	165	140	135	9	
2	130	115	110	85	115	140	120	305	290	300	285	295	325	320	310	300	290	20	100	115	110	165	170	175	6	
3	230	75	125	160	140	95	200	315	215	220	245	275	195	225	290	290	320	325	215	265	355	170	170	150	11	
4	135	160	165	155	160	150	145	145	265	280	275	280	285	290	215	175	165	185	275	280	260	190	175	160	(VA)	
5	160	100	100	155	160	170	140	280	10	25	295	280	265	265	300	320	330	350	50	45	55	75	85	130	13	
6	355	105	155	150	155	150	150	220	0	20	20	340	60	65	25	75	25	0	345	330	80	145	160	170	8	
7	170	175	175	155	145	135	140	45	310	285	300	310	325	90	215	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(VA)	
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	350	60	125	105	285	165	85	80	80	140	105	150	150	60	(VA)	
9	130	130	115	145	170	180	150	200	260	185	50	325	300	170	165	170	210	290	20	65	45	35	50	80	9	
10	75	135	145	130	155	150	165	255	275	25	35	45	35	40	35	50	55	55	60	70	60	65	305	160	3	
11	95	150	155	165	165	160	160	285	285	35	40	40	35	45	85	75	70	20	320	295	40	50	60	40	3	
12	80	115	85	145	155	145	120	60	45	40	45	50	40	15	350	290	20	15	55	190	165	165	165	190	3	
13	130	160	160	160	160	170	165	165	180	230	225	255	255	220	260	225	185	270	290	275	150	170	120	155	8	
14	165	145	145	140	145	140	105	90	285	285	325	330	275	290	275	260	280	270	285	170	130	165	155	165	7	
15	155	175	40	100	155	155	155	125	165	235	270	295	140	145	145	95	40	145	120	165	180	150	155	145	8	
16	145	195	155	215	105	160	165	160	180	95	355	220	145	105	120	250	330	40	270	145	155	150	330	40	8	
17	160	145	160	145	140	120	130	145	330	295	275	275	260	255	250	245	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	7	
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(VA)	
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(VA)	
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	340	355	140	175	210	260	320	315	335	15	105	155	115	15	(VA)	
21	150	160	160	155	145	130	200	270	190	155	150	255	305	260	300	265	210	150	130	210	195	150	125	150	8	
22	150	145	145	150	175	155	160	190	270	285	255	245	285	270	290	280	250	350	295	25	40	50	290	150	(VA)	
23	145	150	155	155	140	155	150	225	285	260	265	180	295	185	310	290	330	85	25	330	90	135	150	155	8	
24	160	150	155	140	150	145	140	120	300	275	265	270	280	275	260	295	335	325	350	30	60	150	155	180	(VA)	
25	160	160	140	140	145	140	115	105	70	275	115	250	250	275	265	270	70	85	60	20	100	140	170	150	7	
26	155	150	150	145	145	145	135	90	350	305	280	325	310	20	5	10	55	20	125	160	125	145	150	175	7	
27	165	150	140	135	145	145	130	110	340	315	290	330	300	5	115	190	165	180	180	185	150	160	160	205	8	
28	180	135	135	140	135	125	130	80	355	295	295	310	250	225	195	195	170	175	180	165	165	185	185	165	(VA)	
29	120	155	165	165	170	220	170	200	210	255	290	310	270	175	110	310	305	285	220	240	80	65	355	80	(VA)	
30	190	140	110	160	140	155	155	165	150	195	295	290	135	115	140	210	250	230	270	200	160	135	140	165	8	
31	180	320	275	265	275	135	140	300	290	335	320	295	285	240	125	355	340	340	315	140	155	185	65	160	(VA)	
PV	8	8	8	8	7	7	8	(VA)	13	14	14	(VA)	14	13	14	(VA)	16	(VA)	13	2	8	8	8	8	(VA)	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT.UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	160	165	165	165	165	165	155	95	290	285	285	260	280	175	215	275	295	305	275	200	170	170	150	150	8	
2	165	160	165	170	175	160	165	130	330	250	280	230	270	285	285	245	235	270	60	120	215	170	175	170	(VA)	
3	165	155	150	150	155	165	140	75	95	285	305	290	270	235	235	215	220	225	210	190	170	170	175	175	8	
4	170	170	170	170	170	175	170	185	185	185	185	180	180	185	190	190	185	185	200	230	295	290	285	265	9	
5	170	185	205	180	160	180	160	150	40	310	315	320	255	160	115	165	215	265	275	265	230	175	185	190	9	
6	195	190	190	185	180	170	165	190	210	220	220	220	220	265	225	245	225	225	255	260	210	210	190	205	(VA)	
7	195	200	205	205	200	200	200	205	200	220	205	200	200	215	235	245	240	240	265	240	270	210	195	150	10	
8	160	155	150	110	125	150	150	110	275	290	270	275	270	275	275	305	295	275	280	325	165	300	185	175	13	
9	175	160	160	160	160	160	145	150	280	260	280	285	200	135	175	210	310	50	110	105	165	160	165	160	8	
10	140	130	165	165	165	165	155	100	285	285	235	290	285	270	280	260	265	310	25	100	160	165	160	165	8	
11	170	170	170	160	160	165	150	105	235	280	285	255	265	285	250	120	225	240	220	200	180	165	270	280	8	
12	280	285	290	275	270	235	250	285	295	260	80	85	150	70	70	70	125	90	115	145	155	100	210	200	(VA)	
13	170	170	165	170	165	160	145	125	160	85	90	225	75	135	255	270	250	90	60	120	165	165	155	145	8	
14	160	150	150	150	160	145	125	90	120	245	250	260	300	255	300	300	340	160	120	140	165	165	165	160	8	
15	160	160	155	155	160	150	185	85	35	330	320	315	220	275	120	165	175	165	140	160	155	160	165	165	8	
16	160	220	230	130	155	125	135	275	310	220	180	250	295	315	25	100	115	230	265	260	50	255	170	90	11	
17	175	140	160	135	155	165	170	130	310	305	300	310	310	285	290	285	315	70	220	210	160	165	170	205	(VA)	
18	160	160	150	140	165	160	120	115	215	195	35	190	200	205	190	180	190	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	8	
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	265	235	220	220	225	210	185	185	185	210	320	55	50	11	
20	355	280	275	250	275	95	85	75	50	50	350	260	265	210	305	315	320	290	290	295	295	15	115	355	13	
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	190	210	225	235	235	215	190	160	205	165	170	245	280	245	220	11	
22	265	160	110	125	150	125	130	340	315	255	285	150	110	300	275	130	195	215	170	125	245	160	40	200	7	
23	140	160	180	195	180	150	140	110	285	265	270	295	285	280	275	275	260	250	270	245	285	220	205	165	13	
24	265	155	160	110	150	155	120	20	340	325	285	(PF)	290	250	240	245	230	220	205	205	195	180	250	300	(VA)	
25	205	270	275	275	300	345	335	335	320	355	65	65	55	70	30	350	345	325	330	345	90	245	280	275	16	
26	160	130	120	90	85	35	340	275	15	5	305	270	300	300	280	285	335	40	50	90	165	140	155	305	(VA)	
27	315	290	330	160	160	50	110	5	315	310	345	65	170	140	190	335	295	(PF)	220	45	345	340	325	335	16	
28	355	325	235	265	265	295	195	165	135	75	240	245	320	75	90	65	35	55	25	25	15	10	65	80	4	
29	5	330	295	205	290	20	60	70	60	25	60	70	60	55	65	60	60	45	50	45	60	150	175	150	4	
30	165	150	115	150	150	155	145	90	325	305	280	320	300	315	290	280	270	260	220	125	155	165	170	175	8	
31	165	225	305	180	70	150	150	75	60	50	70	160	325	300	5	65	0	80	280	175	175	165	170	175	(VA)	
PV	8	8	8	8	8	8	(VA)	5	15	15	(VA)	13	14	14	11	13	11	11	13	(VA)	8	8	9	8	(VA)	

WIND DIRECTION ● 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	170	160	165	125	155	140	175	100	85	90	290	270	300	305	240	340	65	50	50	70	160	150	155	150	8
2	125	155	175	155	155	140	145	30	40	305	110	325	0	80	35	340	75	70	40	125	195	150	135	165	(VA)
3	185	135	150	165	165	165	310	95	210	170	45	335	320	290	285	290	335	335	0	310	285	30	165	120	8
4	25	135	175	150	170	180	175	235	300	295	330	335	290	285	310	255	40	120	70	75	130	170	170	150	9
5	175	190	175	160	150	155	120	105	280	260	85	300	(MT)	(MT)	(MT)	305	290	290	55	110	160	160	165	160	8
6	165	165	190	160	155	155	105	95	340	290	290	255	285	265	270	290	275	305	300	100	155	160	160	170	8
7	165	85	95	30	150	35	180	280	340	310	335	325	310	310	325	305	330	295	115	140	330	315	180	170	15
8	175	215	170	260	185	95	0	330	60	20	0	300	295	285	225	230	250	285	355	80	65	45	70	255	14
9	200	90	25	75	135	115	115	85	75	80	70	60	85	10	35	270	235	180	250	185	185	185	170	170	9
10	170	175	170	225	160	170	220	295	280	55	65	55	50	80	65	35	245	240	185	240	210	195	165	180	9
11	185	180	175	175	180	150	130	85	355	305	270	290	300	285	295	290	280	265	270	330	165	140	150	180	9
12	175	170	170	150	155	145	95	60	350	5	340	290	255	285	335	230	230	250	225	210	175	185	160	155	9
13	170	165	165	160	155	145	95	95	60	245	290	285	285	280	285	285	295	300	305	310	290	220	190	180	14
14	180	180	235	300	335	270	160	205	280	290	300	275	290	295	295	300	290	295	295	295	295	285	335	160	14
15	165	165	150	145	145	150	140	280	285	280	300	290	290	290	290	290	295	300	305	300	230	165	165	155	14
16	235	105	190	170	45	185	160	255	245	285	285	280	280	300	300	300	300	305	310	315	320	205	165	160	14
17	155	40	220	65	45	45	320	265	265	270	270	265	260	345	325	35	40	320	70	45	30	55	345	55	3
18	165	170	240	280	275	295	250	240	290	290	300	290	300	125	140	150	155	170	175	220	295	85	150	130	14
19	105	150	145	165	165	155	20	325	295	320	200	210	285	295	295	310	320	330	330	340	145	170	160	170	8
20	145	125	135	175	165	155	175	300	300	265	190	155	155	150	210	275	305	320	295	300	185	140	165	100	8
21	155	145	145	150	160	195	160	335	325	320	340	300	255	160	175	160	150	160	170	175	170	150	155	140	8
22	145	155	150	160	155	135	135	80	10	315	20	330	290	290	230	260	220	160	160	135	170	170	170	185	8
23	170	165	155	155	145	130	70	40	115	345	310	40	265	(PF)	50	110	95	75	55	35	120	165	160	160	8
24	150	150	130	100	125	75	45	345	270	180	190	195	190	185	190	190	185	190	195	195	150	150	150	160	9
25	145	140	165	170	175	185	185	185	195	195	235	225	220	195	290	305	305	295	295	285	290	310	355	175	9
26	170	165	150	155	155	140	85	30	310	285	280	295	0	305	300	320	320	345	320	35	150	165	165	165	8
27	150	145	130	150	150	135	155	100	350	310	310	300	225	215	240	255	260	220	195	195	190	170	220	150	8
28	170	205	165	165	165	165	145	310	290	295	290	285	300	250	285	235	245	230	210	195	160	160	165	170	8
29	170	255	80	160	150	165	165	45	20	100	225	190	205	200	190	210	220	195	195	185	160	165	165	220	8
30	175	35	120	160	165	160	130	350	300	325	325	220	190	175	185	180	185	205	200	200	160	165	145	150	(VA)
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	(VA)
PV	9	8	(VA)	8	8	8	7	5	14	15	14	14	14	14	14	14	14	14	10	10	8	8	8	8	(VA)

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	145	140	145	120	85	95	75	340	280	300	345	205	185	200	195	185	195	185	190	215	175	165	155	145	9	
2	140	135	125	90	75	140	155	315	285	305	295	295	330	325	315	305	295	20	100	120	115	165	170	175	15	
3	235	75	120	170	150	120	195	315	220	225	245	275	210	230	290	290	325	345	220	270	345	175	180	160	11	
4	145	175	170	165	170	165	150	165	275	290	285	285	290	295	220	180	170	190	280	285	270	205	195	170	9	
5	170	130	95	170	170	180	165	285	10	30	305	285	270	270	305	325	335	0	55	45	60	80	85	135	9	
6	15	85	170	165	170	165	155	220	10	15	35	0	45	65	40	95	80	5	350	340	55	165	170	175	(VA)	
7	175	180	180	170	150	150	150	45	310	300	305	325	315	85	220	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(VA)	
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	320	60	120	125	290	170	85	80	95	140	105	105	140	80	5	
9	140	145	125	160	175	190	170	205	270	190	50	325	305	175	170	175	210	295	25	70	70	50	50	80	9	
10	75	120	165	155	170	165	175	260	290	30	35	45	45	40	35	55	60	55	65	75	65	70	345	170	3	
11	90	145	165	175	175	170	175	290	305	40	45	30	40	45	75	80	70	20	325	300	45	55	65	45	3	
12	90	115	100	155	160	160	115	70	55	40	50	55	45	20	345	295	35	20	85	185	170	175	170	190	3	
13	165	170	170	170	170	180	175	175	190	235	230	260	255	220	260	225	185	270	280	275	160	175	140	165	9	
14	170	155	155	150	160	155	120	115	285	290	320	325	280	290	280	265	285	275	290	175	140	170	165	170	8	
15	165	195	30	80	160	165	165	135	180	235	275	295	145	145	150	115	45	160	145	140	185	155	165	155	8	
16	150	245	155	225	90	160	185	170	185	100	0	230	150	105	120	255	335	45	260	155	170	155	315	50	8	
17	160	160	170	155	155	135	135	310	345	290	280	285	265	260	255	250	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	8	
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(VA)	
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(VA)	
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	5	0	140	180	215	265	325	320	340	25	110	155	140	30	(VA)	
21	145	160	160	165	150	145	205	270	210	160	155	260	310	300	305	265	210	160	135	215	200	160	135	170	8	
22	165	160	155	165	190	165	165	195	315	305	275	275	295	280	295	345	300	0	345	5	15	35	315	165	8	
23	165	160	160	165	160	170	160	355	315	275	335	10	305	345	355	315	340	70	25	345	65	120	170	170	8	
24	170	165	165	160	160	160	150	155	310	305	340	300	305	320	320	315	345	0	5	15	45	165	200	195	8	
25	150	175	160	155	160	155	130	85	35	310	45	295	285	290	290	335	25	85	55	25	105	150	175	170	8	
26	165	145	285	155	155	155	140	105	0	310	285	335	0	25	355	15	55	20	130	165	135	160	160	170	8	
27	180	160	155	150	160	160	145	110	0	315	295	175	310	30	135	195	170	190	185	190	155	165	170	205	(VA)	
28	185	155	125	135	150	140	155	90	0	300	300	315	250	225	200	200	175	180	185	170	170	195	190	170	9	
29	160	165	170	170	180	210	175	205	215	260	295	315	270	145	115	315	310	290	225	260	90	85	40	70	9	
30	195	155	115	175	145	160	160	170	160	200	300	295	140	120	140	145	255	230	275	210	160	145	155	170	8	
31	185	330	280	275	325	165	160	270	300	335	330	300	285	240	125	0	345	345	325	135	165	185	95	160	16	
PV	8	8	8	8	8	8	8	(VA)	(VA)	(VA)	14	14	15	14	(VA)	15	16	(VA)	13	9	9	8	9	9	(VA)	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 16 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	0	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	350	0	355	355	350	34	285	75	175	140	160	145	125	5	145	160	135	150	120	20	290	225	345	350	1	
2	310	0	0	350	325	350	330	310	175	180	150	110	110	115	125	135	150	145	215	290	145	105	270	250	[VA]	
3	270	350	355	345	345	35	335	275	225	185	145	125	95	70	65	60	50	55	40	30	200	210	110	140	[VA]	
4	220	270	265	315	205	210	185	80	65	50	55	80	105	85	60	35	55	65	40	65	135	125	115	100	3	
5	345	110	100	100	325	[illegible]	310	335	225	195	160	140	120	5	310	0	115	100	105	100	55	340	235	150	[VA]	
6	130	150	180	190	190	20	320	85	45	55	55	55	55	105	85	80	65	55	95	95	45	45	50	40	3	
7	35	35	45	40	35	35	35	45	40	55	45	80	80	100	125	130	130	125	150	125	150	90	80	95	3	
8	45	50	35	345	10	3	55	125	185	190	170	175	165	170	160	195	180	170	180	255	55	190	85	65	9	
9	70	60	65	60	60	5	60	260	185	215	185	190	85	15	90	125	200	285	310	340	65	50	60	55	4	
10	45	35	55	55	60	5	45	255	205	220	195	195	180	160	185	165	220	205	270	340	40	60	55	70	3	
11	75	65	70	60	60	60	45	300	245	190	195	165	190	165	185	220	130	130	105	85	65	55	150	155	4	
12	115	120	125	95	50	31	200	50	45	90	185	145	125	180	175	170	145	200	225	255	270	205	85	245	[VA]	
13	285	280	280	280	275	270	260	245	230	165	130	105	150	225	120	105	50	180	160	210	260	270	270	260	13	
14	275	265	265	265	275	26	245	175	165	130	130	85	260	350	35	30	80	260	215	230	265	265	260	255	13	
15	275	275	270	260	275	25	260	260	285	80	60	65	230	110	295	270	320	310	310	330	325	330	340	335	13	
16	330	25	45	300	340	310	275	125	110	200	320	65	110	130	195	275	270	20	55	40	235	65	310	270	13	
17	340	315	340	320	320	330	340	325	70	110	90	100	115	100	110	100	125	240	75	15	320	335	340	40	16	
18	330	335	335	325	320	330	320	310	120	0	210	325	315	175	295	205	205	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	15	
19	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	75	135	225	325	260	310	295	285	285	285	70	145	150	14	
20	95	35	50	305	0	100	175	165	145	145	150	40	340	325	45	60	65	35	35	35	45	115	235	125	3	
21	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	275	200	325	335	315	320	300	300	325	320	305	70	95	95	330	15	
22	340	340	335	270	280	32	300	135	120	65	105	300	205	90	95	315	340	10	330	340	5	330	340	340	16	
23	335	325	[OS]	[OS]	[OS]	32	315	205	50	75	70	95	65	70	55	55	60	50	75	55	105	65	345	345	4	
24	350	340	330	330	330	330	290	205	155	125	80	[PF]	80	50	70	5	290	195	215	315	265	315	80	70	16	
25	315	65	65	65	85	12	85	70	55	120	145	160	155	160	140	105	65	65	55	90	170	250	25	175	4	
26	280	260	265	260	260	26	265	110	130	160	120	100	55	60	60	100	70	125	130	180	265	255	260	225	13	
27	60	35	70	265	245	140	185	100	105	140	135	165	270	315	340	170	30	[PF]	350	140	85	100	65	75	[VA]	
28	95	70	130	300	350	50	250	270	230	260	295	305	75	170	130	155	125	145	120	115	105	135	155	170	6	
29	100	60	50	295	40	11	145	155	145	170	145	160	150	140	150	145	150	135	140	135	150	180	95	220	7	
30	255	255	260	255	250	255	235	210	125	125	95	150	45	160	145	20	275	30	260	210	240	265	270	270	[VA]	
31	270	270	270	270	265	245	265	185	150	145	160	240	120	90	105	160	135	165	20	255	260	265	275	275	13	
PV	16	13	13	13	13	3	13	13	3	7	9	[VA]	6	5	7	[VA]	7	7	3	[VA]	13	[VA]	[VA]	[VA]	[VA]	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	270	260	265	260	255	220	250	185	175	170	170	140	150	40	285	160	145	130	130	150	235	240	255	260	13	
2	230	250	265	255	250	235	250	135	135	125	190	60	85	175	140	85	155	165	160	205	260	220	200	265	(VA)	
3	295	235	255	265	255	265	230	180	290	215	155	75	70	125	330	315	255	310	275	280	235	30	105	60	(VA)	
4	320	65	105	85	105	110	105	165	235	225	255	255	210	195	230	200	265	95	300	350	50	105	110	90	6	
5	100	100	105	90	95	85	50	155	215	170	135	220	(MT)	(MT)	(MT)	225	210	220	310	10	85	80	85	80	5	
6	90	100	120	100	95	90	65	15	265	215	200	180	205	185	190	205	200	220	215	40	80	80	80	90	5	
7	85	305	20	305	80	110	110	195	255	225	250	245	230	225	245	225	240	175	5	330	220	205	60	40	(VA)	
8	40	85	40	130	45	265	215	185	270	230	215	150	145	125	55	60	80	110	180	265	270	245	255	65	(VA)	
9	275	265	230	260	305	270	290	270	260	265	260	245	250	140	125	255	340	285	5	290	305	295	275	275	13	
10	270	275	265	315	260	270	280	115	80	145	155	150	145	175	160	185	290	320	290	265	310	300	270	280	13	
11	280	280	275	270	265	245	225	195	85	100	100	75	70	245	100	50	35	285	70	50	250	235	225	270	13	
12	280	275	275	255	260	255	215	150	95	90	75	180	315	135	60	260	305	310	310	295	260	260	240	240	13	
13	260	270	270	260	255	245	195	180	155	155	80	160	315	340	285	305	330	335	335	340	325	265	235	205	(VA)	
14	210	215	270	295	10	285	190	235	310	315	315	300	315	320	315	320	310	275	220	215	215	205	250	130	15	
15	90	90	70	70	70	75	65	180	175	170	185	175	180	175	165	160	165	170	170	170	110	35	35	45	9	
16	95	285	80	210	240	45	35	105	105	145	145	140	125	45	190	25	295	320	355	335	315	215	195	185	7	
17	180	130	265	90	115	60	310	305	290	295	295	290	275	75	265	55	55	295	80	60	60	55	90	35	14	
18	70	80	165	205	200	215	170	120	160	160	170	160	200	315	340	55	55	65	100	130	205	280	40	70	(VA)	
19	270	50	75	60	60	55	275	225	190	215	75	85	165	170	170	175	180	190	175	175	325	340	130	60	9	
20	25	325	20	40	45	15	260	135	135	100	180	65	85	90	85	145	175	190	160	170	80	40	60	345	5	
21	35	55	60	80	60	90	75	210	195	190	210	170	130	65	75	55	70	95	115	125	125	90	110	95	4	
22	110	135	135	125	140	130	105	80	295	220	270	275	230	215	185	205	160	135	170	150	170	165	165	180	7	
23	180	190	180	185	190	175	130	105	120	110	210	135	150	(PF)	75	105	130	115	70	105	140	160	165	165	(VA)	
24	160	170	175	140	160	100	85	80	275	60	60	90	100	95	80	70	60	70	75	80	50	45	50	55	5	
25	50	60	140	175	175	170	175	175	185	180	230	220	180	100	255	205	205	280	330	225	350	315	40	190	9	
26	205	205	190	195	190	180	120	80	275	280	275	245	125	275	265	265	285	300	295	50	125	115	110	125	13	
27	120	125	160	170	175	160	175	120	255	285	295	275	125	90	130	145	165	170	185	180	180	185	170	110	9	
28	190	230	170	190	185	185	170	230	275	275	300	300	310	255	300	245	235	220	155	125	130	135	135	130	9	
29	140	215	55	115	165	170	170	110	355	115	220	175	80	80	70	80	90	315	270	245	230	240	240	255	(VA)	
30	265	95	180	250	240	255	230	165	105	100	75	200	215	200	85	55	65	80	65	65	45	130	125	145	(VA)	
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	(VA)	
PV	13	(VA)	13	(VA)	12	9	9	(VA)	13	11	9	9	7	(VA)	(VA)	3	8	(VA)	9	9	(VA)	3	12	13	(VA)	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	165	170	190	185	165	180	155	150	270	115	105	150	25	50	20	270	240	235	235	245	205	195	240	260	8	
2	25	120	150	135	90	135	170	305	290	310	275	270	250	320	285	290	220	185	160	60	180	130	225	160	(VA)	
3	180	285	25	70	125	125	180	160	285	75	190	235	185	210	235	235	250	180	250	330	80	260	35	85	9	
4	120	175	170	190	190	195	240	270	145	130	125	135	135	155	130	60	185	155	245	250	235	195	195	290	7	
5	20	285	295	60	100	150	250	235	175	175	175	270	305	300	325	310	210	125	215	185	115	120	135	255	9	
6	200	220	255	300	350	355	65	220	200	205	190	175	195	230	200	210	230	190	185	165	225	305	65	70	10	
7	125	85	140	190	265	20	75	70	85	160	260	245	265	250	200	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	13	
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	130	195	195	195	180	160	200	165	260	150	125	190	100	55	10	
9	80	75	85	90	85	110	140	330	130	200	145	300	280	70	215	145	225	90	205	170	215	210	165	185	5	
10	190	200	230	245	315	315	335	170	140	190	205	220	225	220	235	240	240	235	255	265	255	250	205	105	(VA)	
11	75	305	15	100	90	90	135	230	245	275	80	110	210	245	90	100	50	20	205	145	165	160	180	170	5	
12	205	220	215	230	255	280	290	205	140	140	215	225	215	190	180	135	215	190	205	125	105	130	195	195	11	
13	115	95	100	100	90	85	90	75	80	170	205	255	240	215	275	270	245	310	330	325	265	270	325	20	5	
14	30	40	45	45	45	30	85	145	105	300	275	110	125	115	125	145	160	165	235	110	90	135	270	325	7	
15	240	130	245	270	355	55	50	125	135	160	220	195	135	105	80	75	60	200	235	335	95	100	100	95	5	
16	95	130	290	340	350	295	100	25	70	75	120	325	235	260	45	220	275	310	220	335	65	70	285	40	4	
17	20	20	0	75	85	85	85	150	130	120	255	250	275	185	215	210	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	5	
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(VA)	
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(VA)	
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	175	175	150	40	235	280	265	175	170	210	205	85	125	300	9	
21	70	330	65	140	295	325	40	95	115	125	290	280	320	160	30	265	245	230	210	120	265	280	305	315	(VA)	
22	315	315	320	5	90	65	185	250	55	195	185	265	210	220	255	205	190	305	305	320	325	340	300	215	15	
23	270	75	95	100	90	75	90	115	135	240	290	200	60	145	205	150	160	265	245	210	295	160	320	0	5	
24	5	5	5	5	0	0	355	325	110	100	165	175	190	40	75	300	275	50	50	30	80	245	255	35	1	
25	55	70	100	100	100	100	100	130	245	240	165	60	115	85	75	60	115	270	315	290	160	135	145	190	5	
26	265	270	270	300	325	325	330	285	215	135	135	120	160	155	220	185	180	175	60	100	285	340	25	30	(VA)	
27	95	285	310	320	325	325	325	300	185	100	75	230	230	270	150	210	100	160	305	335	25	60	80	175	15	
28	285	220	335	320	345	335	300	230	110	140	140	160	205	250	250	155	55	125	225	325	345	0	25	105	16	
29	75	5	15	20	65	85	95	115	80	75	105	90	175	280	240	180	215	260	205	245	80	95	250	305	5	
30	255	250	215	250	255	255	255	255	255	265	75	60	350	140	105	145	210	80	335	320	0	335	295	290	12	
31	335	355	240	245	260	120	115	165	195	220	175	105	150	200	95	60	85	15	305	305	280	285	250	235	(VA)	
PV	2	(VA)	5	5	5	5	5	(VA)	7	7	9	(VA)	10	11	11	(VA)	(VA)	9	11	15	5	7	12	9	(VA)	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.8	.8	.0	-.4	-1.0	-1.2	-.5	2.4	5.6	7.9	10.7	12.3	13.2	13.4	13.4	13.4	13.1	11.8	11.1	9.8	7.9	6.7	5.0	4.0	6.7	13.4
2	3.0	2.1	1.2	.0	.2	-.7	.8	3.8	6.8	9.0	11.2	12.3	13.4	14.0	14.4	15.1	15.4	15.4	14.8	13.2	10.7	8.7	7.5	6.1	8.3	15.4
3	4.6	3.3	2.5	1.9	1.3	.9	2.0	4.8	9.3	13.0	15.5	17.1	18.6	19.5	19.9	20.0	20.1	19.8	18.7	17.1	14.7	14.2	14.4	14.4	12.0	20.1
4	13.7	12.6	11.8	10.6	10.0	10.6	12.5	13.8	14.9	16.1	16.3	16.5	16.5	17.0	17.9	18.3	17.9	17.9	16.9	14.5	5.8	2.5	.4	-.5	12.7	18.3
5	-.7	-.8	-.8	-.9	-.7	-.5	-.4	-.5	.8	2.2	2.7	2.4	1.0	.3	.4	1.7	2.1	.9	.3	-.4	-.4	.0	-.5	-.2	.3	2.7
6	-.2	-1.0	-1.3	-2.1	-2.8	-2.7	-2.0	.0	2.0	3.1	4.4	5.3	6.2	5.0	7.2	7.5	7.0	6.7	6.4	6.0	5.7	5.0	4.1	4.9	3.1	7.5
7	5.1	4.6	4.1	3.8	3.8	4.2	4.6	5.1	5.0	5.0	6.4	7.2	7.7	9.2	10.1	10.0	10.2	9.7	9.2	8.5	8.1	7.3	6.9	6.3	6.8	10.2
8	5.7	4.5	3.9	3.1	2.5	2.1	2.6	5.5	8.8	10.5	11.7	12.3	13.6	14.6	15.0	15.1	15.2	14.8	14.0	12.8	12.0	11.6	10.3	7.9	9.6	15.2
9	7.0	5.1	4.0	2.7	2.2	1.6	2.7	5.7	8.6	11.2	13.6	16.1	17.8	17.5	16.9	17.9	16.2	16.5	16.1	14.2	11.7	9.5	8.5	7.4	10.4	17.9
10	6.5	5.4	4.7	3.7	2.9	2.0	3.4	6.5	9.9	12.2	15.0	17.6	19.8	21.0	21.6	22.2	22.1	21.3	20.6	18.1	14.2	12.5	10.7	10.1	12.7	22.2
11	9.1	7.6	7.1	5.6	4.9	4.4	5.4	8.8	12.2	14.7	17.0	19.3	21.3	22.6	23.1	23.6	24.3	23.9	22.9	21.5	19.3	18.1	17.8	14.5	15.4	24.3
12	12.3	10.7	9.2	8.7	7.2	6.9	6.9	7.8	8.9	9.9	10.6	11.2	11.2	11.3	11.3	12.3	12.6	11.7	11.6	11.1	10.3	9.8	9.9	9.5	10.1	12.6
13	7.8	8.5	6.7	5.5	4.4	3.9	5.3	8.0	11.7	13.6	15.2	16.6	17.7	18.7	19.9	20.4	20.8	20.8	20.3	18.8	15.6	13.6	12.1	10.7	13.2	20.8
14	9.7	8.8	8.0	6.7	5.6	5.2	6.6	10.3	14.3	17.0	19.7	21.9	23.6	24.6	25.5	26.0	25.7	25.2	25.2	22.6	18.8	16.6	15.6	13.5	16.5	26.0
15	12.1	10.1	8.9	8.5	6.8	6.4	8.2	11.9	15.9	19.8	22.8	25.0	25.7	24.8	25.5	26.4	26.8	26.2	25.3	22.4	21.4	19.0	17.6	16.4	18.1	26.8
16	15.5	15.0	14.6	12.2	10.3	10.4	10.4	14.0	17.7	22.5	23.3	23.3	23.2	24.3	23.9	21.8	22.2	20.4	19.2	18.2	17.1	16.1	14.7	14.2	17.7	24.3
17	13.1	11.5	11.2	10.8	10.3	9.8	10.9	13.7	15.7	17.6	19.0	20.0	21.4	21.3	21.8	19.7	17.2	18.9	18.5	17.9	15.8	14.9	14.2	13.3	15.8	21.8
18	11.5	10.5	10.2	9.7	9.3	8.9	9.4	11.0	15.6	16.9	16.6	18.2	19.5	20.1	20.7	20.2	19.8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	14.6	20.7
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	19.0	22.2	22.5	22.9	20.8	20.7	19.6	20.2	19.8	18.9	12.5	11.2	11.0	18.6	22.9
20	10.5	5.5	4.2	4.1	4.1	4.4	4.5	5.2	6.8	8.6	11.7	13.3	13.4	15.5	11.5	11.4	10.4	8.1	6.1	4.6	2.5	.5	.0	( )	7.3	15.5
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	6.3	6.7	6.8	7.5	8.1	9.1	9.7	9.8	10.7	10.0	8.6	7.3	6.3	5.9	5.7	7.9	10.7
22	3.4	2.5	1.9	1.8	1.0	.8	2.5	4.6	6.3	7.5	8.2	6.9	6.3	5.1	4.2	5.5	7.6	8.2	7.3	6.5	5.5	4.7	3.8	3.4	4.8	8.2
23	2.4	1.7	1.5	1.3	.9	.7	1.8	4.2	7.5	8.7	9.6	10.8	11.8	12.4	13.0	13.2	13.8	13.6	13.7	13.1	12.1	10.7	8.9	7.7	8.1	13.8
24	6.7	5.9	5.9	5.1	3.9	3.9	5.6	9.1	12.1	14.3	16.4	(PF)	17.9	20.6	20.9	21.2	21.5	21.7	21.1	19.7	18.1	16.9	16.6	13.9	13.9	21.7
25	12.9	12.1	10.5	9.3	9.4	8.2	7.2	7.1	7.4	9.2	10.2	10.9	11.8	12.8	13.5	14.3	14.8	14.9	14.6	13.8	11.3	9.9	10.4	9.2	11.1	14.9
26	6.8	5.5	3.4	2.3	2.0	1.6	3.3	5.8	8.8	10.9	11.8	13.0	14.1	15.5	16.5	17.6	18.3	18.3	17.7	15.8	13.2	12.1	11.8	11.5	10.7	18.3
27	12.2	11.7	10.7	10.1	9.9	9.4	10.1	11.9	13.1	14.9	16.4	17.4	16.8	16.3	16.5	14.5	12.5	(PF)	9.9	8.5	8.6	8.8	8.6	8.4	12.1	17.4
28	7.3	6.9	6.7	6.5	6.7	6.6	6.9	7.1	6.4	6.4	7.0	8.1	8.9	9.8	10.1	11.0	11.1	9.9	9.0	8.2	7.5	7.1	6.5	5.7	7.8	11.1
29	4.3	3.6	3.3	2.9	3.2	4.1	5.0	5.8	7.1	8.2	8.9	9.8	10.9	12.3	13.0	13.8	13.6	14.3	13.9	12.5	11.7	10.2	7.7	4.9	8.5	14.3
30	4.5	4.2	3.8	3.3	2.5	2.3	3.6	6.5	9.5	11.2	13.3	14.7	16.1	17.3	18.4	19.1	19.3	19.5	19.3	18.2	15.7	14.7	13.2	12.3	11.8	19.5
31	11.0	9.7	9.3	8.7	8.1	7.2	8.7	11.5	13.7	15.6	16.7	18.5	19.3	20.2	20.2	20.7	20.9	20.5	18.6	16.2	15.4	14.7	13.6	12.3	14.6	20.9
AV	7.6	6.5	5.8	5.0	4.4	4.2	5.1	7.3	9.7	11.5	13.0	14.1	15.1	15.7	16.1	16.3	16.2	15.9	15.1	13.7	11.9	10.5	9.6	8.9	11.0	( )

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10.8	9.6	9.1	8.2	7.5	7.6	9.1	12.4	14.6	16.6	18.7	20.2	21.1	21.7	22.2	22.4	22.5	22.5	22.1	21.0	17.6	16.0	15.0	13.3	15.9	22.5
2	12.5	11.6	10.4	9.2	8.5	8.8	10.1	13.1	16.5	18.0	19.7	22.1	24.1	25.8	25.0	22.2	22.0	21.3	21.1	20.3	19.2	16.4	15.5	15.0	17.0	25.8
3	14.3	13.3	11.9	11.2	10.8	10.4	11.5	12.5	14.5	16.8	19.5	21.8	23.4	24.0	24.4	20.8	19.7	19.6	18.6	16.3	11.1	10.3	10.6	10.5	15.7	24.4
4	10.0	9.5	9.2	8.8	8.5	8.5	9.6	11.2	12.4	14.0	15.5	16.5	17.3	18.3	19.2	20.3	20.5	20.4	20.1	18.5	16.3	14.2	13.0	12.1	14.3	20.5
5	11.3	10.3	9.3	8.4	7.6	7.7	9.4	12.1	14.6	16.8	18.8	20.3	[MT]	[MT]	[MT]	24.7	25.2	25.6	25.2	23.6	20.2	18.1	16.7	15.9	16.3	25.6
6	14.6	13.2	13.0	12.4	11.6	11.1	12.5	15.7	18.9	21.1	22.9	24.8	26.3	27.1	27.7	28.1	28.1	28.1	27.7	25.6	21.6	20.2	19.6	19.7	20.5	28.1
7	19.3	19.0	17.7	17.6	15.8	16.2	17.9	19.2	20.7	20.5	20.3	21.8	22.8	22.1	22.4	22.7	18.9	14.9	15.1	14.3	13.6	12.5	11.9	11.7	17.9	22.8
8	11.8	11.8	11.6	11.5	11.4	11.3	11.7	13.0	13.7	14.1	14.9	16.1	17.6	18.6	18.0	19.0	19.4	20.0	18.8	16.7	15.0	13.6	12.6	12.0	14.8	20.0
9	10.0	10.0	10.1	10.0	7.6	7.2	8.7	9.4	10.8	12.2	13.9	14.7	15.4	14.9	13.8	8.9	9.2	10.7	11.0	10.4	9.3	7.9	7.0	7.0	10.4	15.4
10	6.9	7.0	7.0	6.8	6.0	6.1	7.4	8.8	10.0	11.3	13.2	13.7	14.5	14.9	14.8	14.1	13.0	12.9	13.3	13.0	11.7	10.8	9.2	8.0	10.6	14.9
11	7.0	6.2	5.6	5.3	4.7	4.0	5.6	8.7	11.9	13.6	15.1	16.1	17.5	18.7	19.7	20.7	21.3	21.4	21.4	20.5	17.7	16.6	15.1	14.2	13.7	21.4
12	13.2	11.4	10.3	8.6	7.8	7.7	9.9	12.9	16.3	19.0	21.1	23.1	24.5	25.5	25.4	24.4	25.0	24.9	24.9	23.9	21.1	19.9	19.5	18.1	18.3	25.5
13	15.4	13.4	12.5	11.2	10.2	10.0	11.7	15.1	18.8	21.9	24.0	26.1	27.6	28.7	29.0	28.8	28.6	27.5	26.5	25.4	24.3	22.7	20.1	19.3	20.8	29.0
14	19.0	18.7	19.9	20.9	19.2	18.2	17.3	20.0	21.3	22.5	24.1	24.9	26.0	26.7	27.1	27.8	27.4	26.8	25.9	24.4	22.9	22.0	20.9	18.4	22.6	27.8
15	16.0	14.4	12.6	11.6	10.9	10.7	12.7	16.5	20.2	22.0	23.9	25.8	27.1	28.0	28.3	28.5	28.4	28.1	27.4	26.0	24.7	21.8	20.3	19.2	21.0	28.5
16	19.2	20.6	18.9	18.5	18.4	17.5	17.1	18.9	21.2	21.9	23.6	24.4	25.0	26.1	25.3	25.3	24.9	24.3	23.3	22.5	21.2	19.5	17.8	16.8	21.3	26.1
17	15.8	15.9	16.0	16.3	16.3	15.8	15.5	16.1	16.8	17.1	17.4	17.7	19.2	20.5	20.9	21.3	21.2	21.1	20.3	19.7	19.2	18.1	17.4	14.7	17.9	21.3
18	13.4	12.9	13.2	11.7	10.6	9.2	8.7	9.0	9.1	8.8	8.8	8.0	7.3	9.2	8.6	9.8	10.4	12.7	11.6	9.4	6.2	6.1	5.8	4.8	9.4	13.4
19	4.5	3.7	4.0	4.1	3.6	3.8	5.6	8.9	9.5	11.6	15.9	15.8	14.4	15.9	15.7	15.2	15.2	14.2	13.1	11.5	10.2	9.1	8.6	8.2	10.1	15.9
20	7.7	7.4	6.3	5.6	5.1	4.7	6.7	9.0	10.2	10.9	12.3	13.6	11.9	14.0	11.8	13.3	12.8	11.2	10.6	9.7	8.9	7.2	6.3	5.6	9.3	14.0
21	4.8	4.3	3.9	3.6	3.3	3.4	5.0	7.9	10.6	12.2	14.1	15.3	16.6	15.7	13.0	10.8	12.9	14.1	14.7	14.5	12.9	11.2	10.6	10.0	10.2	16.6
22	9.3	8.4	7.4	7.2	6.8	6.6	8.1	10.5	13.5	15.5	17.0	18.4	19.7	20.7	21.5	22.4	22.5	22.3	21.9	20.9	19.0	17.0	15.4	14.9	15.3	22.5
23	13.1	11.7	10.5	9.8	9.1	9.4	10.8	13.9	16.6	19.6	22.0	24.1	19.7	[PF]	20.9	25.2	26.2	25.5	24.4	23.4	21.0	18.5	16.7	15.2	17.7	26.2
24	13.8	12.9	12.3	11.6	10.4	10.3	11.7	14.7	19.0	24.9	25.5	26.6	27.4	27.7	28.1	28.2	28.7	28.7	28.2	26.8	23.4	21.4	19.8	19.3	20.9	28.7
25	18.5	18.3	19.5	19.9	20.1	20.5	20.2	20.4	20.9	21.3	19.8	17.4	16.3	17.4	19.8	17.6	16.4	15.7	14.3	13.0	12.2	11.4	10.2	8.4	17.1	21.3
26	6.6	5.3	4.1	3.6	3.4	3.3	5.2	8.3	11.0	13.2	14.7	16.3	18.3	19.9	21.3	22.6	23.3	23.4	23.3	22.4	18.2	16.0	14.1	13.4	13.8	23.4
27	11.6	10.8	9.7	8.7	7.8	7.0	8.8	13.1	17.1	20.1	17.1	26.6	28.9	29.5	30.1	30.2	29.5	30.0	29.4	28.1	26.0	22.2	21.8	20.4	20.2	30.2
28	19.0	17.4	15.1	13.2	11.3	10.6	12.2	15.7	18.5	21.8	24.1	26.4	28.2	29.4	29.6	30.7	30.6	30.2	29.2	27.5	24.3	22.4	20.9	19.6	22.0	30.7
29	19.3	18.1	16.8	12.7	10.7	10.2	12.1	16.6	20.7	24.8	27.9	28.9	29.4	30.5	31.0	31.2	31.2	30.7	29.6	27.9	24.7	23.6	20.6	20.1	22.9	31.2
30	18.7	18.3	15.4	11.9	11.6	10.6	12.5	16.8	20.5	23.7	27.5	30.4	31.7	32.2	32.6	32.9	32.8	32.6	32.0	30.6	26.0	23.1	19.6	17.4	23.4	32.9
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	12.9	12.2	11.4	10.7	9.9	9.6	10.8	13.3	15.7	17.6	19.1	20.6	21.4	22.3	22.3	22.3	22.3	22.0	21.5	20.3	18.0	16.3	15.1	14.1	16.7	[ ]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	16.6	15.5	14.5	15.0	14.3	12.9	13.8	17.3	20.7	24.4	27.7	31.9	33.1	33.9	34.0	34.1	34.2	33.8	33.2	32.0	28.3	25.5	22.7	20.3	24.6	34.2
2	19.4	19.0	18.4	17.6	16.2	14.1	16.4	20.0	23.0	26.2	28.9	31.4	32.8	32.1	31.7	32.6	32.8	32.0	30.0	28.8	26.8	25.8	25.7	24.6	25.3	32.8
3	23.2	21.1	19.4	18.5	17.9	17.9	20.0	23.8	26.2	27.6	28.2	28.7	30.2	29.2	28.9	26.6	29.2	29.9	28.6	25.1	23.4	22.2	20.5	19.6	24.4	30.2
4	18.7	17.8	16.7	15.9	15.3	14.7	16.1	19.1	21.6	22.9	24.1	25.7	27.1	29.0	28.9	28.9	29.4	29.5	28.1	27.3	26.1	24.3	22.4	21.3	23.0	29.5
5	20.5	19.8	19.4	18.8	17.6	17.3	17.4	19.8	22.2	23.6	24.7	26.7	28.1	28.5	29.4	28.4	28.9	28.9	28.6	27.3	23.9	23.3	22.2	21.5	23.6	29.4
6	20.5	18.7	17.0	15.8	15.2	14.7	16.3	19.7	22.1	24.0	25.2	26.8	28.6	29.6	31.0	31.6	31.5	31.7	30.5	29.3	27.5	24.6	22.4	21.6	24.0	31.7
7	20.9	20.0	19.3	18.2	16.5	15.8	17.6	20.6	24.0	32.4	28.8	31.0	33.0	33.6	33.5	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	24.3	33.6
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	27.7	29.5	31.2	32.4	32.3	28.5	23.2	23.2	23.3	24.2	23.5	23.2	21.2	20.3	26.0	32.4
9	19.6	19.2	19.3	19.6	20.9	19.9	19.8	21.7	23.2	25.3	26.6	28.0	29.3	29.5	29.5	29.1	29.2	29.1	26.8	23.9	23.5	22.5	21.0	20.8	24.1	29.5
10	19.7	18.2	17.1	15.9	15.7	15.5	17.8	20.2	22.3	25.0	26.4	27.9	28.9	30.1	30.9	30.7	30.4	30.1	28.7	28.1	27.7	26.7	25.3	24.0	24.3	30.9
11	23.5	22.4	19.2	17.7	16.4	15.4	16.9	19.0	22.6	25.5	27.1	28.4	29.3	30.0	30.0	30.1	30.1	29.0	27.9	27.4	25.7	25.8	25.1	24.1	24.5	30.1
12	23.0	21.6	20.7	19.3	17.6	16.8	17.8	20.3	21.2	23.7	25.7	27.0	28.3	29.3	29.5	30.0	30.2	29.9	29.1	26.7	25.4	24.2	23.3	22.6	24.3	30.2
13	21.6	19.5	19.4	19.0	19.5	19.7	19.9	22.6	24.8	26.0	27.0	25.6	24.2	28.0	26.7	27.1	27.3	27.1	25.8	24.1	22.9	21.3	19.9	18.9	23.2	28.2
14	18.1	16.7	15.8	14.9	14.1	14.0	15.7	18.5	21.6	24.1	26.4	28.3	29.6	30.6	30.6	30.8	31.2	31.3	28.9	26.4	25.3	22.3	21.7	21.8	23.3	31.3
15	21.4	21.1	20.2	18.3	16.5	16.3	16.7	18.8	23.8	26.1	27.3	27.2	25.3	23.1	25.7	25.4	22.7	22.3	22.8	21.8	20.8	19.6	18.8	17.9	21.7	27.3
16	17.9	18.5	18.5	18.1	16.4	15.5	15.7	17.0	17.2	16.8	19.2	18.4	18.1	20.7	23.1	21.7	16.1	15.2	15.0	15.2	15.4	15.2	14.8	13.8	17.2	23.1
17	12.8	12.1	11.9	11.3	11.0	10.7	11.9	14.1	16.6	25.9	21.1	22.9	25.1	27.5	28.3	28.6	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	18.2	28.6
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	27.2	29.2	30.9	30.8	31.0	32.3	32.0	30.9	30.3	28.8	27.0	25.4	23.6	22.9	29.7	32.3
21	22.0	22.1	20.5	18.5	17.1	16.2	17.3	18.6	20.9	24.3	26.5	28.4	29.5	31.3	31.0	26.4	25.1	24.4	25.8	24.8	22.9	20.5	19.1	17.3	22.9	31.3
22	16.1	15.5	14.9	14.7	14.0	14.1	16.9	19.2	21.4	23.5	25.8	27.9	29.8	31.1	32.1	32.6	32.2	31.9	31.4	29.6	27.1	25.8	24.4	22.3	23.9	32.6
23	20.2	18.8	17.7	17.1	15.7	15.0	16.4	19.6	22.4	25.1	27.4	28.8	30.0	31.0	31.4	31.9	31.2	29.8	30.5	29.0	26.8	23.8	21.4	20.6	24.2	31.9
24	19.2	18.1	17.3	15.9	15.1	14.2	15.5	18.7	21.8	24.5	27.1	29.0	30.1	30.7	31.5	31.6	31.8	31.6	30.8	29.0	27.0	23.4	21.3	20.5	24.0	31.8
25	19.6	18.0	16.2	15.4	14.7	13.8	15.2	18.7	22.7	25.0	27.6	29.7	30.9	31.6	32.0	32.4	31.6	31.0	31.1	29.7	28.1	26.4	23.7	21.5	24.4	32.4
26	20.1	18.0	17.1	15.9	15.0	14.4	15.9	18.8	22.7	25.2	27.4	29.0	30.5	32.0	32.6	32.6	32.9	32.3	31.0	29.9	27.4	24.8	23.7	23.2	24.7	32.9
27	21.5	19.1	17.6	15.7	14.9	14.6	15.8	19.1	23.1	25.5	28.1	29.9	31.1	32.4	31.6	32.9	32.6	32.2	31.7	30.2	27.0	26.0	24.9	24.6	25.1	32.9
28	23.7	22.2	20.2	18.2	16.0	16.2	17.1	21.4	24.7	27.2	29.1	31.0	31.1	32.2	32.2	32.8	32.0	31.5	30.5	28.6	27.8	26.6	25.5	24.1	25.9	32.8
29	22.5	23.0	22.5	22.6	22.4	22.6	23.0	23.7	24.1	24.5	25.2	26.4	20.0	19.1	23.5	26.1	24.9	20.5	20.3	17.0	16.6	17.0	17.0	16.6	21.7	26.4
30	17.3	16.3	15.1	14.2	14.1	14.4	14.7	15.9	18.4	21.1	22.6	23.8	22.9	21.6	24.4	26.6	27.8	27.5	26.0	24.3	22.3	20.1	18.9	19.8	20.4	27.8
31	19.5	19.9	19.9	18.4	17.4	15.1	15.1	17.5	19.5	21.5	23.4	24.3	25.3	25.7	25.4	26.3	26.8	26.1	22.3	19.0	17.9	17.8	17.8	16.5	20.8	26.8
AV	20.0	19.0	18.0	17.1	16.2	15.6	16.8	19.4	22.0	24.7	26.2	27.7	28.4	29.2	29.7	29.6	29.2	28.6	27.7	26.2	24.6	23.1	21.8	20.9	23.5	( )

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.3	1.3	.9	1.0	1.0	.9	.7	.5	.6	.6	.5	.5	.4	.3	.2	.3	.3	.3	.3	.7	.8	.9	1.0	1.1	.7	1.3
2	1.1	1.1	1.5	1.4	1.2	1.2	.5	.5	.5	.5	.5	.4	.4	.3	.3	.3	.2	.3	.3	.9	2.0	2.4	.9	.8	.8	2.4
3	1.1	1.3	1.2	.8	1.0	1.3	1.0	.4	.4	.2	.2	.4	.0	.0	.0	.0	.0	.1	.2	.4	.4	.5	.4	.4	.5	1.3
4	.5	.4	.4	.8	1.4	.7	.4	.2	.2	.1	.0	.1	.1	.0	.0	.1	.1	.1	.1	.2	.2	.2	.3	.2	.3	1.4
5	.2	.2	.2	.2	.2	.3	.4	1.1	1.1	1.2	1.0	.5	.5	1.1	.7	.5	.5	.5	.5	.5	.5	.5	.5	.4	.6	1.2
6	.5	.4	.5	.5	.7	.6	.6	.5	.4	.4	.4	.4	.2	-.1	.0	.1	.1	.1	.1	.2	.2	.2	.2	.1	.3	.7
7	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	.0	.1	.1	.1	.2	.2	.1	.2
8	.3	.6	.5	.9	1.0	1.2	.5	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.5	.4	.7	.7	.3	1.2
9	.5	.7	.7	1.0	.7	.7	.4	.2	.2	.2	.3	.1	-.2	-.1	.1	.0	-.2	-.1	.1	.4	.9	1.2	.4	.5	.4	1.2
10	.5	.9	.4	.8	.7	.7	.1	-.1	.0	.1	.1	.0	-.1	-.2	-.2	-.2	-.3	-.2	.0	.9	1.9	1.1	2.5	1.0	.4	2.5
11	.6	.7	.6	1.0	.7	.7	.1	-.2	-.1	.0	.0	-.1	-.1	-.2	-.2	-.3	-.3	-.2	-.1	.1	.4	.2	.1	-.1	.1	1.0
12	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.2	-.2	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.1	.0	.0	-.6	.0	-.2	.0
13	-.4	.1	.5	.4	.2	.3	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.4	-.2	-.2	-.2	-.2	-.1	.3	.7	.8	.5	.3	.1	.8
14	.4	.5	.6	.9	1.0	.4	.1	-.2	-.2	.0	.0	-.2	-.2	-.3	-.2	-.3	-.3	-.2	-.2	.6	.7	.4	.3	.5	.2	1.0
15	.4	1.0	1.0	.7	1.1	.8	.1	-.2	-.2	-.1	-.3	.0	-.3	-.2	-.3	-.4	-.3	-.3	-.2	.1	.2	.3	.4	.8	.2	1.1
16	1.2	1.3	1.4	2.6	2.7	.8	1.3	-.1	-.2	-.3	-.4	-.3	-.4	-.4	-.2	.2	.2	.0	.0	.1	.2	.1	.2	.2	.4	2.7
17	.6	.6	.3	.5	.7	.8	.1	.0	.1	.1	.0	.0	-.1	-.1	.1	.0	.1	.0	.1	.4	.4	.3	.2	.3	.2	.8
18	.7	.6	.5	.8	.5	.6	.7	.4	.0	-.1	.3	-.1	-.2	-.2	-.2	-.2	.0	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	.2	.9
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	.2	.2	.1	.1	.2	.1	.0	.1	.1	.1	.1	.2	.3	.1	.3
20	.3	.1	.1	.1	.2	.4	.1	.0	.0	.0	.0	.0	.1	-.1	.0	.0	.0	.0	.2	.4	.3	.2	.2	.4	.1	.4
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	-.2	-.1	-.1	-.1	.0	-.1	.0	.0	.0	.0	.0	.1	.1	.1	.4	.0	.4
22	.2	.5	.3	.4	.6	.7	.1	.0	.1	.1	.1	.1	.5	.5	.5	.4	.3	.5	.5	.5	.6	.9	.6	.6	.4	.9
23	.9	1.0	1.0	1.0	1.2	.9	.6	.5	.4	.5	.5	.5	.4	.4	.4	.3	.4	.3	.3	.4	.5	1.3	.7	.9	.6	1.3
24	1.1	1.4	1.1	1.4	1.6	1.5	.7	.4	.4	.4	.4	(PF)	.3	.1	.1	.1	.0	.1	.2	.3	.4	.4	.3	.3	.6	1.6
25	.5	.8	.5	.5	.5	.5	.5	.4	.5	.5	.2	.3	.4	.2	.3	.3	.3	.3	.4	.4	1.2	1.5	.5	.7	.5	1.5
26	1.4	1.0	1.2	1.2	1.4	.8	.5	.5	.4	.3	.5	.3	.5	.4	.4	.3	.3	.3	.4	.9	1.1	1.1	1.3	1.1	.7	1.4
27	.7	.4	.4	.4	.5	.7	.5	.3	.4	.3	.4	.3	.2	.2	.2	.3	.3	(PF)	.3	.3	.3	.3	.4	.4	.4	.7
28	.5	.5	.5	.5	.6	.6	.6	.6	.7	.6	.3	.3	.3	.2	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.7
29	.4	.5	.5	.6	.5	.8	.6	.5	.3	.3	.3	.3	.3	.2	.3	.2	.3	.3	.5	.8	1.0	1.0	2.2	3.2	.7	3.2
30	1.7	.9	.7	.8	.9	.7	.5	.4	.4	.6	.5	.5	.4	.4	.4	.3	.3	.3	.3	.5	1.1	.7	.7	.7	.6	1.7
31	.8	.9	.7	.9	.7	.9	.4	.3	.3	.4	.4	.2	.4	.3	.3	.1	.2	.2	.3	.3	.4	.4	.5	.7	.5	.9
AV	.6	.7	.6	.8	.8	.7	.4	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.4	.6	.6	.5	.6	.4	( )

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.7	.7	.9	.9	1.0	.8	.4	.3	.2	.2	.3	.3	.2	.1	.3	.3	.1	.2	.3	.6	1.5	1.0	.9	1.1	.6	1.5
2	1.2	1.0	1.2	1.1	1.2	1.0	.6	.4	.3	.4	.3	.3	.3	.1	.2	.7	.6	.4	.6	.8	.6	1.4	1.2	.7	.7	1.4
3	1.2	1.2	1.3	1.3	1.2	.8	.7	.3	.3	.3	.3	.3	.2	.2	.2	.1	.2	.2	.3	.3	.6	.6	.6	.6	.6	1.3
4	.9	.8	1.0	.7	.8	.7	.5	.4	.5	.6	.5	.5	.6	.4	.4	.3	.3	.3	.4	.8	1.3	1.4	.9	1.4	.7	1.4
5	1.2	1.0	1.2	1.1	.9	.8	.4	.4	.4	.5	.3	.3	(MT)	(MT)	(MT)	.2	.2	.0	.2	.6	1.1	.8	.9	.9	.6	1.2
6	.8	1.0	.7	.9	1.2	.9	.5	.3	.2	.2	.2	.2	.1	.1	.1	.0	.1	.1	.1	.7	1.4	.7	.9	.6	.5	1.4
7	.8	1.1	1.3	1.3	1.1	.8	.8	.3	.0	.1	.0	-.2	-.3	-.2	.0	-.1	.3	.2	.2	.1	.3	.1	.1	.1	.3	1.3
8	.1	.1	.3	.1	.2	.3	.1	.2	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.2	.3	.5	.2	.4	.2	.5
9	1.2	.7	.3	.3	1.7	.8	.2	.1	.0	.0	-.1	.0	.1	-.2	-.1	.1	.0	-.1	.1	.1	.4	.5	.2	.3	.3	1.7
10	.4	.1	.4	.3	.5	.3	.1	.2	.1	.1	-.1	-.1	-.1	-.1	.0	.3	.4	.3	.1	.2	.1	.1	.4	.3	.2	.5
11	.3	.2	.2	.2	.5	.4	.2	.1	.1	.1	.0	.1	.0	.0	-.1	-.2	-.1	.0	.0	.2	.4	.2	.3	.4	.1	.5
12	1.0	1.2	1.4	1.3	.8	.4	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.1	.2	.4	.2	.3	.8	.3	1.4
13	1.7	1.7	1.0	1.0	.8	.6	.3	-.1	-.1	-.1	.0	-.1	-.2	-.4	-.2	-.2	-.3	-.2	-.1	.0	.2	1.2	1.7	.2	.4	1.7
14	.1	.6	.5	.0	.2	.4	.4	-.1	-.1	-.1	-.3	-.1	-.3	-.3	-.4	-.4	-.3	-.2	-.1	-.1	-.1	.0	.4	1.0	.0	1.0
15	.4	.7	.6	.5	.7	.6	.4	.1	.0	-.1	-.1	-.1	-.3	-.4	-.4	-.3	-.3	-.3	-.1	.1	.5	.3	.2	1.0	.2	1.0
16	1.7	1.2	1.3	1.3	1.3	1.0	.7	.3	.2	.2	.1	.1	.0	-.2	-.1	-.1	-.1	.0	.1	.1	.3	.9	1.3	.7	.5	1.7
17	1.0	.9	.6	.9	.6	.5	.3	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.2	.2	.1	.4	.3	.3	1.0
18	.4	.5	.3	.2	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1	.3	.3	.2	.2	.3	.3	.3	.5	.6	.8	.3	.8
19	1.1	1.5	.9	.9	1.1	1.1	.9	.5	.3	.3	.1	.2	.2	.2	.1	.0	.0	.1	.1	.3	.7	1.0	.9	1.1	.6	1.5
20	1.0	.9	1.5	1.4	.9	.9	.4	.3	.3	.2	.2	.1	.2	.1	.3	.1	.0	.0	.2	.2	.6	.9	.8	1.1	.5	1.5
21	1.1	1.0	1.0	.9	1.1	.8	.5	.3	.2	.1	.1	.1	.1	.1	.6	.4	.1	.1	.1	.3	.7	.7	.3	.4	.5	1.1
22	.6	.8	.8	.8	.4	.5	.2	.1	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.2	-.2	-.1	.1	.2	.1	.2	.2	.2	.8
23	.9	.6	.6	.4	.6	.3	.1	.0	-.1	.0	-.1	-.2	.5	(PF)	.4	-.1	-.2	-.2	-.1	.0	.6	.7	.5	.7	.3	.9
24	.9	.6	1.1	1.1	1.7	1.5	.8	.5	.5	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.2	.0	.5	.8	1.6	1.2	.4	1.7
25	2.2	2.4	.7	.2	.0	-.1	-.2	-.2	-.3	-.4	-.3	-.2	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.1	.1	.3	1.2	.2	2.4
26	.9	.8	.7	.5	.6	.5	.3	.0	.2	.1	.0	.1	-.3	.0	-.1	-.1	.0	-.1	.0	.1	1.6	1.0	1.2	1.2	.4	1.6
27	1.0	.8	1.1	1.1	1.1	1.5	.6	.1	.1	.1	-.6	-.1	-.3	-.3	-.3	-.2	-.2	-.2	-.1	.0	.3	.7	.9	.5	.3	1.5
28	.4	.9	.9	.9	1.2	.9	.2	.1	.0	.0	.0	-.1	-.2	-.3	-.3	-.4	-.4	-.3	-.2	.1	.3	.6	.4	.2	.2	1.2
29	.4	1.0	2.3	3.0	2.8	2.5	1.1	-.2	-.2	-.3	-.4	-.5	-.4	-.5	-.5	-.5	-.4	-.3	-.2	.0	.3	.3	.8	.4	.4	3.0
30	.7	1.3	2.8	3.5	2.0	1.8	.5	-.2	-.1	-.1	-.2	-.4	-.5	-.6	-.5	-.5	-.4	-.4	-.2	.1	.9	.4	.7	1.0	.5	3.5
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	.9	.9	1.0	.9	.9	.8	.4	.2	.1	.1	.0	.0	.0	-.1	.0	.0	.0	.0	.1	.2	.6	.6	.7	.7	.4	( )

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.4	.3	.6	.5	1.0	1.3	.5	-.1	-.2	-.2	-.1	-.3	-.5	-.5	-.4	-.5	-.4	-.3	-.2	-.1	.4	.5	.4	.6	.1	1.3
2	.1	.2	.3	1.2	1.0	2.3	1.1	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.2	-.3	-.2	-.1	-.1	.1	2.3
3	.3	.8	.9	.4	.6	.3	.4	-.1	-.2	-.4	-.3	-.2	-.3	-.3	-.3	.4	.0	.0	.1	.4	.3	.6	1.0	.9	.2	1.0
4	1.1	1.1	.7	1.2	.5	1.0	.1	.1	.0	.0	.1	.0	.0	-.1	-.2	-.2	-.2	-.2	-.1	.0	.2	.7	.8	.2	.3	1.2
5	.3	.5	.5	.5	.3	.3	.2	.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.3	-.2	-.1	.0	-.1	.0	.0	.3	.1	.5
6	.4	.6	1.2	.7	.5	.5	.0	.0	.1	.0	.0	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.1	.0	.6	1.8	1.4	.3	.3	1.8
7	.2	.3	.2	.6	.6	.5	.0	-.2	.0	-.4	-.1	-.3	-.5	-.5	-.5	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	.0	.6
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	-.2	-.4	-.5	-.7	-.5	.0	.7	.8	.7	.2	.3	.3	.8	.9	.2	.9
9	1.0	.9	.8	1.2	.2	.5	.4	-.1	-.1	-.2	-.3	-.2	-.3	-.5	-.5	-.3	-.2	-.2	-.2	-.1	.2	.5	.0	.0	.1	1.2
10	.2	.6	.9	.9	1.1	.6	.2	-.2	-.1	-.3	-.3	-.5	-.4	-.6	-.5	-.4	-.3	-.2	-.2	-.1	-.1	-.1	.1	.6	.0	1.1
11	.4	.5	.5	.3	.6	.5	.0	-.2	-.2	-.4	-.4	-.4	-.6	-.6	-.6	-.5	-.4	-.3	-.2	-.1	.0	-.1	.1	.2	-.1	.6
12	.2	.4	.4	.5	.6	1.3	.6	-.3	-.3	-.3	-.5	-.5	-.5	-.7	-.4	-.4	-.5	-.4	-.3	-.2	-.1	-.1	.0	.1	-.1	1.3
13	.1	.5	.0	.2	.0	.1	-.1	-.3	-.4	-.4	-.4	-.2	.1	-.4	-.3	-.4	-.4	-.2	-.1	.0	.3	.4	.5	.6	.0	.6
14	.1	.3	.4	.6	.6	.4	.1	-.1	.0	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.2	.0	.1	.0	.1	.0	.0	.6
15	.0	.1	.4	1.2	1.7	.6	.1	.0	-.2	-.2	-.3	-.2	.1	.5	.0	.1	.5	.5	.2	.4	.3	.8	.4	.5	.3	1.7
16	.4	.5	.7	.6	1.3	1.3	1.1	.3	.3	.2	-.1	.0	.0	-.1	-.2	.0	.2	.2	.4	.4	.3	.4	.5	.7	.4	1.3
17	1.1	1.1	.6	.8	.9	.8	.4	.2	.2	-.2	.0	-.1	-.1	-.2	-.2	-.2	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	.3	1.1
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	-.5	-.4	-.5	-.5	-.4	-.5	-.6	-.5	-.3	.0	.0	.1	.4	.4	-.2	.4
21	.4	.2	.3	.7	.6	1.2	.4	-.1	-.2	-.4	-.4	-.5	-.4	-.5	-.4	-.2	-.1	-.1	.0	.0	.5	.7	1.0	.8	.1	1.2
22	.6	.5	.6	.5	.6	.7	-.1	-.2	.0	-.1	-.1	-.2	-.4	-.3	-.4	-.4	-.4	-.4	-.2	.1	.3	.2	.8	.8	.1	.8
23	2.2	1.9	.9	.9	1.1	.8	.1	-.2	.0	-.2	-.3	-.4	-.4	-.6	-.5	-.6	-.4	-.1	-.1	.3	.7	2.0	1.6	.6	.4	2.2
24	.7	.5	.7	1.0	1.0	.9	.2	-.2	-.1	.0	-.3	-.2	-.4	-.4	-.4	-.4	-.5	-.3	-.2	.2	.6	1.3	.4	.8	.2	1.3
25	.6	.5	1.2	.6	.6	.6	.0	-.2	-.2	-.1	-.3	-.3	-.4	-.5	-.5	-.6	-.4	-.3	-.1	.4	.1	.1	.3	.9	.1	1.2
26	1.1	1.4	1.0	1.1	.9	1.0	.2	-.2	-.2	-.2	-.2	-.3	-.3	-.5	-.5	-.5	-.5	-.3	-.2	.0	.6	.6	.2	.1	.2	1.4
27	1.0	1.1	1.3	2.1	1.3	1.0	.1	-.2	-.1	-.2	-.2	-.4	-.4	-.6	-.3	-.6	-.4	-.4	-.2	.1	.4	.2	.1	.0	.2	2.1
28	.1	1.0	2.1	1.8	2.7	1.6	1.0	-.2	-.1	-.2	-.4	-.4	-.3	-.5	-.5	-.6	-.5	-.4	-.2	-.1	-.1	.1	.2	.2	.3	2.7
29	.4	.5	.1	.0	.1	.2	-.1	-.2	-.2	-.3	-.3	-.4	-2.2	-1.5	.2	.1	.1	.2	.2	.2	.4	.5	.7	.6	.0	.7
30	.4	.5	1.2	1.1	.8	.6	.4	.2	.0	.0	.1	.0	-.2	.2	.0	-.1	-.1	-.1	.1	.5	.7	.7	1.2	.3	.4	1.2
31	.3	.5	.5	.4	.3	1.5	.6	.1	.1	.0	.0	-.2	-.2	-.2	-.1	-.2	-.3	-.2	.1	.5	.3	.4	.5	.9	.2	1.5
AV	.5	.6	.7	.8	.8	.8	.3	-.1	-.1	-.2	-.2	-.3	-.4	-.4	-.3	-.3	-.2	-.2	-.1	.1	.3	.5	.5	.5	.1	( )

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9	17	25	28	29	29	29	27	33	24	24	31	23	14	14	(OS)	17	7	8	8	8	8	8	8	19	33
2	9	9	9	14	22	28	27	15	27	27	25	21	19	11	15	23	31	40	24	8	21	12	8	8	19	40
3	9	9	8	16	21	25	25	21	(OS)	(OS)	25	14	12	11	11	11	10	9	8	8	7	7	7	7	13	25
4	7	7	7	7	6	7	10	10	9	8	9	9	9	9	10	9	9	9	9	10	8	8	8	10	9	10
5	9	9	10	9	8	8	15	12	27	39	24	10	8	10	11	11	10	9	9	8	16	23	23	29	14	39
6	29	30	30	30	26	10	8	10	12	12	11	11	11	15	20	10	10	11	12	10	10	10	10	10	15	30
7	10	9	10	10	10	10	10	10	10	11	11	10	10	11	10	9	9	9	8	9	10	9	9	12	10	12
8	10	9	9	10	12	16	11	21	22	17	12	9	10	10	11	27	13	7	6	24	12	10	8	7	13	27
9	8	9	8	8	9	9	8	32	21	34	35	38	20	11	11	23	11	21	21	9	7	6	7	8	16	38
10	8	9	8	9	8	8	9	16	34	31	39	36	27	12	13	30	7	27	12	5	4	5	6	7	15	39
11	7	6	8	8	8	8	9	15	32	25	16	33	36	22	22	35	13	8	8	7	6	5	9	6	15	36
12	7	7	8	7	8	11	15	10	9	24	26	35	7	25	12	13	7	15	7	8	6	7	20	14	13	35
13	7	6	7	8	8	8	9	12	21	39	43	7	35	21	26	29	26	32	10	5	4	5	6	7	16	43
14	6	6	7	7	8	9	9	30	37	8	35	23	22	16	16	19	15	11	6	4	5	6	6	5	13	37
15	6	5	5	6	6	7	9	14	19	17	16	13	14	16	17	17	13	8	7	4	5	4	6	5	10	19
16	5	7	23	20	5	11	13	15	17	17	11	10	7	8	11	11	10	8	7	5	8	8	9	10	11	23
17	9	7	6	8	6	5	8	10	15	21	15	13	13	12	19	12	7	9	10	5	7	6	7	13	10	21
18	6	5	7	7	8	6	9	12	13	11	14	13	10	10	9	8	8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	9	14
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	10	9	10	9	10	8	8	8	9	14	10	7	9	14
20	9	7	8	8	10	8	8	8	8	12	14	10	9	11	8	9	8	8	8	7	7	10	13	10	9	14
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	14	12	10	11	13	11	11	9	9	9	8	9	7	14	11	11	14
22	12	14	14	12	10	11	11	15	17	18	15	14	12	11	9	9	13	17	20	15	16	17	16	15	14	20
23	13	17	14	14	13	16	9	13	14	13	11	11	9	8	9	9	10	8	7	6	8	11	13	13	11	17
24	14	15	14	13	16	11	10	12	15	14	12	(PF)	11	13	10	9	9	9	9	9	8	7	8	7	11	16
25	11	8	7	8	10	12	8	8	9	16	12	11	11	13	19	16	14	16	9	5	7	10	8	10	11	19
26	10	17	18	18	18	18	17	16	16	17	17	19	18	18	18	16	14	14	10	6	7	8	8	9	14	19
27	9	8	8	8	7	10	11	15	14	14	14	18	12	7	12	12	10	(PF)	8	9	9	9	7	7	10	18
28	8	12	10	12	13	9	10	10	11	12	12	18	12	12	10	13	9	10	8	8	9	10	9	8	11	18
29	8	8	9	10	13	14	12	12	10	12	15	19	13	11	11	11	10	10	8	8	7	12	14	9	11	19
30	10	8	10	12	12	12	11	17	21	16	17	17	16	18	27	17	15	16	11	7	5	7	8	6	13	27
31	18	(OS)	(OS)	(OS)	14	17	18	16	11	13	15	26	20	26	15	18	18	20	13	16	8	7	7	6	15	26
AV	10	10	11	12	12	12	12	15	18	18	19	17	15	13	14	15	12	13	10	8	8	9	10	9	13	( )

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6	7	8	8	14	20	10	9	8	7	8	30	34	16	19	22	12	12	5	4	9	8	10	6	12	34
2	8	7	10	13	6	8	19	12	13	22	23	16	20	28	17	15	9	13	13	12	19	10	9	11	14	28
3	7	16	16	12	15	7	7	13	15	10	12	14	14	10	7	6	15	14	7	8	8	8	13	13	11	16
4	11	11	10	7	7	7	8	14	21	20	19	17	16	17	17	25	15	20	9	5	7	5	6	7	13	25
5	9	9	9	9	9	10	9	9	9	22	25	17	(MT)	(MT)	18	10	11	14	8	9	9	8	6	6	11	25
6	7	8	13	9	7	7	13	17	24	22	24	19	13	16	13	20	16	13	8	5	9	7	7	5	13	24
7	6	9	10	7	12	12	9	9	9	8	9	9	9	9	8	13	6	8	9	13	9	10	8	6	9	13
8	6	7	6	11	8	14	10	14	21	14	19	13	8	9	8	9	9	12	8	8	6	6	15	17	11	21
9	12	16	13	13	9	19	13	12	9	9	11	12	12	11	9	9	8	8	9	8	8	9	7	6	11	19
10	9	7	7	7	7	6	9	16	16	14	15	14	12	12	11	12	11	9	8	10	11	9	6	7	10	16
11	7	7	7	6	8	6	8	14	18	17	17	15	17	18	17	15	9	10	9	9	10	11	13	12	12	18
12	7	6	6	6	6	8	11	14	14	12	14	11	12	14	9	12	11	8	9	5	7	11	6	5	9	14
13	5	6	6	5	7	6	8	10	15	18	17	9	8	9	8	7	7	6	6	7	6	7	7	6	8	18
14	7	6	9	6	6	8	8	10	9	8	11	8	9	8	8	8	7	6	6	6	6	7	11	12	8	12
15	7	6	5	7	6	6	8	8	17	11	15	17	9	8	8	7	7	7	7	6	8	9	6	6	8	17
16	10	11	14	15	15	13	10	9	13	8	7	7	8	8	7	7	7	7	7	7	7	9	10	7	9	15
17	7	11	13	13	12	8	8	7	15	7	5	6	14	15	15	13	8	10	7	7	10	9	11	10	10	15
18	9	8	14	6	11	7	7	10	7	6	7	6	10	14	8	8	8	9	8	8	7	9	8	8	8	14
19	8	7	7	6	5	5	7	10	11	11	11	11	10	7	7	8	7	7	6	10	7	9	7	9	8	11
20	9	11	11	10	7	6	11	12	12	14	13	12	8	12	11	9	7	7	7	6	9	8	6	12	10	14
21	5	6	7	7	7	8	11	10	13	13	14	11	10	12	8	7	7	7	7	6	6	7	8	9	9	14
22	8	7	7	7	8	8	10	11	16	15	15	18	17	12	11	11	12	12	9	7	6	7	7	8	10	18
23	7	8	7	7	7	9	9	12	14	15	16	15	15	13	(PF)	16	16	13	8	12	12	12	6	6	11	16
24	6	6	8	8	11	12	12	12	13	12	9	10	10	9	9	8	8	8	9	8	5	5	5	5	9	13
25	5	8	7	8	9	8	8	8	9	9	9	9	9	11	11	7	7	7	7	6	6	7	8	8	8	11
26	8	7	6	6	6	7	8	10	12	16	15	16	17	17	19	19	15	13	12	8	7	10	7	6	11	19
27	7	7	8	7	8	8	8	12	16	17	16	15	13	10	9	8	9	9	9	8	7	5	8	9	10	17
28	10	7	7	8	6	8	10	10	10	21	16	12	11	12	11	12	10	9	8	7	4	4	4	5	9	21
29	6	17	8	9	7	5	9	10	12	14	19	16	11	11	10	10	9	9	8	6	5	5	7	7	10	19
30	14	10	10	6	5	10	12	12	15	20	24	19	12	11	9	9	9	9	9	6	4	5	17	7	11	24
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	8	9	9	8	8	9	10	11	14	14	15	13	13	12	11	11	10	10	8	8	8	8	8	8	10	( )

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6	6	6	8	13	11	14	15	12	19	24	19	11	10	10	10	10	10	8	7	5	5	7	6	11	24
2	7	10	10	13	13	9	15	18	9	11	14	17	14	14	8	6	6	8	7	6	6	16	13	15	11	18
3	8	15	21	9	6	6	12	23	13	12	13	11	20	14	7	7	13	27	13	6	11	12	9	6	12	27
4	6	11	12	7	6	6	6	16	19	10	8	9	9	11	11	9	9	9	6	5	5	7	10	6	9	19
5	7	10	16	11	7	6	9	18	20	12	13	11	12	15	12	9	6	7	8	7	8	9	10	6	10	20
6	10	17	12	6	6	7	6	10	16	17	17	16	17	18	14	15	14	15	11	6	7	11	5	6	12	18
7	6	6	5	6	6	6	6	12	17	23	17	16	22	20	22	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	13	23
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	19	20	19	17	14	15	16	11	13	19	14	24	17	12	16	24
9	8	9	8	6	6	9	10	11	13	15	22	14	11	13	8	9	11	10	7	8	18	21	13	8	11	22
10	8	9	12	12	12	7	7	10	18	18	13	12	10	13	12	12	11	10	9	7	8	10	20	20	12	20
11	11	18	8	7	6	6	9	8	13	15	15	24	13	16	17	23	20	10	11	8	7	7	10	15	12	24
12	9	10	18	17	8	6	16	9	10	13	12	10	9	15	21	20	16	12	15	12	8	6	6	6	12	21
13	18	7	6	6	7	7	7	8	9	10	11	8	9	15	9	8	8	8	6	6	6	9	11	6	9	18
14	6	7	6	5	5	6	11	24	22	17	23	20	17	22	12	11	14	12	6	8	9	7	7	9	12	24
15	10	16	16	9	10	9	6	13	15	20	13	15	9	8	9	15	12	14	12	12	9	6	6	5	11	20
16	7	14	14	13	15	13	13	9	9	17	15	8	11	11	17	10	10	11	14	12	17	10	18	15	13	18
17	10	7	6	7	5	5	6	16	17	15	12	11	12	13	9	9	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	17
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	22	26	27	18	12	15	9	7	6	5	6	12	10	9	13	27
21	13	10	7	6	7	6	8	8	12	11	11	17	10	17	12	7	8	7	7	7	7	7	10	10	9	17
22	6	7	7	7	8	8	11	10	14	20	23	24	18	13	13	17	21	12	7	5	6	6	8	7	12	24
23	7	5	6	10	6	6	7	12	15	21	13	23	20	17	22	10	9	9	11	7	7	14	11	10	12	23
24	7	7	6	6	6	5	5	24	18	16	23	23	21	21	15	15	15	14	8	5	7	10	8	11	12	24
25	11	10	9	7	6	12	12	17	26	21	26	27	25	14	17	13	15	19	10	6	7	11	12	17	15	27
26	9	6	7	7	12	6	14	18	22	16	18	18	17	15	21	19	16	19	13	6	7	6	6	16	13	22
27	8	6	5	5	5	5	7	15	22	15	17	22	20	17	23	13	13	10	8	6	5	5	6	11	11	23
28	12	10	6	7	6	6	6	15	16	20	11	13	26	16	13	12	11	8	8	7	7	7	7	6	11	26
29	18	10	6	7	6	9	9	11	10	10	8	14	14	18	13	14	9	7	10	7	9	9	10	9	10	18
30	17	9	14	12	6	5	6	7	9	12	13	14	10	6	9	27	18	10	7	6	6	6	6	7	10	27
31	9	10	10	6	15	16	7	11	11	21	19	11	16	14	14	12	9	8	7	11	6	8	10	13	11	21
AV	9	10	10	8	8	8	9	14	15	16	16	16	15	15	14	13	12	11	9	8	8	10	10	10	12	( )

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.34	.26	.22	.24	.20	.20	.20	.36	.50	.62	.68	.70	.76	.82	.74	.60	.72	.66	.52	.20	.26	.36	.30	.18	.44	.82
2	.26	.24	.24	.28	.36	.30	.30	.34	.48	.58	.60	.80	.82	.82	.82	.74	.62	.56	.30	.12	.18	.16	.30	.42	.44	.82
3	.38	.28	.24	.30	.26	.26	.32	.36	.40	.50	.68	.84	.82	.88	.86	.86	.84	.78	.72	.62	.58	.62	.64	.72	.58	.88
4	.68	.68	.66	.48	.34	.44	.56	.84	1.02	1.06	1.02	1.06	1.06	1.00	1.00	1.00	1.02	1.04	.96	.86	.82	.72	.68	.44	.82	1.06
5	.12	.10	.10	.10	.10	.10	.10	.10	.10	.12	.28	.40	.38	.46	.40	.48	.50	.48	.28	.24	.30	.26	.36	.16	.26	.50
6	.10	.10	.10	.10	.10	.10	.12	.48	.72	.70	.76	.80	.90	.78	.76	.82	.84	.74	.68	.60	.50	.70	.78	.80	.54	.90
7	.78	.74	.60	.68	.76	.80	.78	.70	.74	.78	.84	.88	.86	.84	.84	.82	.78	.70	.52	.54	.66	.40	.28	.30	.70	.88
8	.16	.16	.12	.12	.10	.10	.12	.20	.24	.30	.54	.60	.74	.68	.66	.60	.50	.44	.16	.36	.18	.34	.16	.22	.32	.74
9	.38	.24	.14	.12	.22	.20	.20	.36	.32	.42	.46	.54	.72	.72	.44	.66	.72	.38	.10	.10	.12	.10	.34	.32	.34	.72
10	.18	.10	.18	.26	.30	.22	.26	.38	.42	.52	.56	.68	.76	.76	.74	.76	.62	.42	.18	.14	.20	.26	.24	.28	.40	.76
11	.30	.26	.32	.24	.28	.24	.30	.42	.50	.60	.62	.68	.72	.76	.74	.62	.70	.68	.52	.40	.44	.40	.62	.88	.52	.88
12	.90	.96	.94	.92	.60	.50	.56	.64	.74	.68	.66	.72	.72	.68	.66	.70	.56	.54	.54	.32	.20	.20	.18	.12	.60	.96
13	.14	.18	.20	.22	.30	.34	.30	.42	.50	.62	.72	.76	.76	.72	.72	.68	.60	.40	.24	.12	.20	.34	.38	.26	.42	.76
14	.28	.26	.22	.20	.30	.28	.24	.38	.50	.54	.62	.64	.76	.72	.74	.66	.52	.26	.26	.18	.32	.44	.40	.26	.42	.76
15	.32	.22	.28	.22	.24	.20	.24	.30	.46	.52	.64	.66	.68	.74	.82	.72	.64	.78	.64	.32	.42	.32	.46	.42	.46	.82
16	.40	.24	.24	.16	.18	.22	.20	.28	.38	.74	.78	.72	.72	.70	.62	.78	.68	.76	.64	.34	.20	.30	.58	.32	.46	.78
17	.28	.18	.30	.24	.12	.16	.26	.34	.52	.68	.74	.72	.80	.70	.68	.70	.54	.46	.28	.18	.28	.36	.44	.30	.42	.80
18	.14	.14	.28	.18	.30	.26	.22	.22	.52	.76	.62	.80	.86	.86	.88	.96	.88	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	.52	.96
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	.52	.84	.88	.86	.86	.82	.88	.96	.96	.94	.66	.32	.20	.74	.95
20	.38	.74	.56	.32	.26	.48	.68	.70	.48	.54	.66	.92	.78	.90	.66	.44	.30	.54	.66	.68	.58	.28	.16	.14	.54	.92
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	.76	.80	.74	.68	.66	.72	.80	.68	.74	.60	.68	.56	.38	.20	.12	.60	.80
22	.28	.26	.22	.16	.12	.12	.22	.30	.50	.66	.64	.56	.56	.62	.62	.54	.42	.42	.44	.32	.34	.20	.36	.36	.38	.66
23	.26	.22	.26	.20	.22	.22	.30	.40	.54	.62	.66	.74	.74	.76	.74	.62	.60	.50	.50	.28	.30	.24	.28	.24	.44	.76
24	.22	.22	.20	.30	.18	.24	.22	.32	.44	.50	.68	(PF)	.70	.58	.82	.80	.82	.76	.68	.70	.74	.70	.68	.58	.52	.82
25	.28	.34	.54	.66	.66	.54	.72	.74	.68	.64	.78	.76	.82	.78	.72	.62	.62	.58	.46	.18	.18	.30	.58	.42	.56	.82
26	.28	.24	.34	.38	.48	.42	.36	.40	.60	.70	.72	.68	.62	.70	.68	.72	.62	.42	.20	.14	.18	.20	.18	.16	.44	.72
27	.42	.56	.52	.28	.26	.12	.22	.32	.36	.60	.70	.68	.78	.66	.48	.64	.72	(PF)	.56	.22	.18	.14	.18	.26	.42	.78
28	.38	.24	.18	.16	.18	.16	.22	.20	.36	.34	.44	.46	.44	.64	.58	.72	.80	.70	.64	.56	.48	.40	.26	.20	.40	.80
29	.32	.28	.18	.18	.18	.54	.82	.78	.84	.76	.76	.82	.86	.86	.84	.80	.66	.60	.50	.42	.30	.26	.16	.14	.54	.86
30	.16	.36	.34	.26	.30	.28	.34	.38	.50	.56	.64	.62	.60	.68	.66	.58	.54	.46	.34	.16	.18	.30	.36	.40	.42	.68
31	.38	.42	.46	.36	.40	.32	.32	.40	.52	.62	.58	.62	.64	.74	.72	.70	.62	.46	.42	.42	.26	.40	.38	.32	.48	.74
AV	.32	.32	.32	.28	.28	.28	.34	.42	.52	.60	.66	.70	.74	.74	.72	.70	.66	.60	.48	.38	.36	.36	.38	.34	.48	( )

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

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*                    *
*  PRELIMINARY DATA  *
*  AS OF 15 OCT 75   *
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*                    *
*     Subject To     *
*      Revision      *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.32	.32	.34	.32	.28	.22	.28	.46	.60	.62	.70	.64	.66	.70	.76	.66	.60	.48	.24	.10	.20	.34	.28	.18	.42	.76
2	.20	.26	.34	.20	.22	.22	.20	.30	.48	.56	.50	.58	.52	.68	.52	.50	.36	.26	.24	.36	.30	.16	.20	.30	.36	.68
3	.24	.16	.16	.26	.24	.34	.34	.18	.30	.46	.58	.52	.54	.70	.78	.92	.66	.40	.28	.54	.70	.32	.36	.38	.44	.92
4	.16	.12	.20	.18	.22	.28	.34	.44	.52	.52	.60	.62	.60	.68	.68	.68	.56	.40	.22	.14	.26	.30	.30	.20	.38	.68
5	.22	.38	.28	.22	.32	.32	.34	.38	.44	.56	.62	.64	(MT)	(MT)	(MT)	.64	.58	.56	.30	.14	.22	.28	.32	.28	.38	.64
6	.32	.34	.38	.32	.32	.30	.30	.34	.46	.58	.60	.68	.70	.70	.72	.66	.60	.50	.34	.18	.24	.44	.36	.36	.44	.72
7	.32	.20	.20	.16	.20	.24	.22	.30	.60	.72	.62	.62	.72	.80	.66	.66	.58	.74	.52	.46	.18	.30	.26	.26	.44	.80
8	.24	.22	.14	.22	.44	.32	.24	.42	.48	.44	.42	.56	.70	.66	.60	.66	.62	.60	.70	.52	.30	.20	.26	.18	.42	.70
9	.14	.34	.40	.28	.24	.28	.38	.48	.62	.66	.74	.78	.76	.78	.78	.84	.68	.56	.44	.28	.18	.18	.32	.22	.48	.84
10	.22	.34	.20	.10	.12	.22	.34	.42	.54	.66	.86	.82	.78	.78	.72	.54	.44	.34	.24	.34	.32	.24	.20	.32	.42	.86
11	.36	.38	.46	.48	.38	.32	.40	.44	.54	.62	.68	.72	.74	.74	.76	.68	.68	.56	.42	.20	.30	.40	.36	.26	.50	.76
12	.18	.14	.20	.24	.26	.36	.34	.40	.48	.56	.60	.68	.74	.76	.68	.74	.74	.58	.38	.26	.44	.40	.28	.22	.44	.76
13	.16	.26	.28	.28	.36	.32	.44	.38	.52	.60	.68	.72	.76	.82	.78	.82	.88	.84	.80	.66	.48	.18	.20	.38	.52	.88
14	.52	.28	.38	.74	.44	.26	.20	.42	.58	.68	.76	.36	.08	.68	.84	.80	.74	.82	.86	.80	.74	.58	.38	.24	.54	.86
15	.38	.40	.30	.30	.32	.30	.32	.24	.42	.62	.62	.70	.80	.74	.86	.82	.84	.86	.78	.48	.16	.30	.32	.20	.50	.86
16	.32	.22	.20	.22	.28	.20	.26	.22	.56	.64	.70	.72	.76	.88	.94	.94	.94	.92	.90	.76	.54	.26	.16	.26	.54	.94
17	.18	.20	.22	.26	.26	.22	.28	.24	.28	.28	.28	.34	.52	.62	.44	.20	.44	.62	.52	.46	.44	.72	.78	.46	.38	.78
18	.34	.38	.36	.46	.36	.44	.36	.44	.60	.76	.74	.66	.40	.58	.72	.78	.78	.76	.92	.80	.48	.22	.20	.16	.52	.92
19	.14	.18	.22	.24	.20	.18	.18	.32	.48	.52	.84	.86	.62	.62	.78	.82	.74	.64	.70	.46	.18	.26	.30	.18	.44	.86
20	.12	.12	.12	.20	.28	.28	.28	.40	.46	.42	.52	.64	.74	.72	.78	.76	.74	.72	.54	.32	.14	.14	.20	.16	.40	.78
21	.16	.18	.16	.14	.14	.14	.20	.38	.60	.64	.64	.72	.74	.66	.66	.48	.58	.42	.28	.18	.18	.20	.42	.30	.38	.74
22	.20	.20	.20	.26	.26	.18	.26	.38	.52	.56	.64	.70	.74	.74	.72	.72	.72	.58	.38	.24	.32	.46	.56	.50	.46	.74
23	.22	.38	.30	.32	.30	.28	.32	.40	.52	.64	.70	.70	.68	(PF)	.46	.56	.54	.32	.32	.30	.24	.24	.24	.32	.40	.70
24	.24	.26	.28	.18	.16	.14	.14	.28	.40	.90	.92	.94	.94	.96	.94	.92	.96	.90	.88	.62	.20	.14	.14	.12	.52	.96
25	.12	.28	.36	.60	.74	.90	.84	.78	.88	.92	.86	.86	.74	.74	.82	.90	.96	.94	.96	.86	.80	.58	.28	.14	.70	.96
26	.20	.32	.32	.32	.28	.34	.32	.48	.58	.64	.68	.74	.84	.76	.76	.62	.66	.54	.46	.16	.14	.32	.34	.34	.46	.84
27	.30	.36	.34	.20	.24	.16	.16	.34	.48	.54	.62	.68	.82	.86	.86	.82	.80	.76	.80	.74	.50	.30	.48	.30	.52	.86
28	.24	.22	.24	.36	.28	.38	.34	.34	.44	.56	.62	.74	.74	.82	.82	.84	.80	.80	.70	.48	.28	.22	.32	.48	.50	.84
29	.48	.34	.14	.12	.12	.14	.10	.24	.46	.62	.70	.82	.82	.86	.86	.84	.80	.78	.66	.46	.36	.38	.26	.16	.48	.86
30	.18	.18	.12	.12	.18	.14	.14	.28	.42	.54	.70	.76	.86	.84	.90	.90	.82	.72	.64	.40	.18	.40	.44	.32	.46	.90
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.24	.26	.26	.28	.28	.28	.30	.38	.50	.60	.66	.68	.70	.74	.74	.72	.70	.64	.54	.42	.34	.32	.32	.28	.46	[ ]

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.46	.42	.38	.46	.32	.24	.16	.24	.42	.62	.64	.84	.88	.90	.84	.86	.80	.74	.66	.52	.34	.32	.46	.34	.54	.90
2	.44	.48	.42	.26	.18	.18	.20	.28	.38	.62	.72	.70	.62	.38	.56	.62	.74	.76	.68	.68	.84	.56	.60	.56	.52	.84
3	.26	.22	.24	.36	.28	.18	.38	.48	.60	.72	.76	.74	.80	.68	.76	.48	.44	.46	.40	.40	.28	.26	.26	.24	.44	.80
4	.22	.20	.26	.20	.28	.26	.24	.36	.46	.54	.60	.70	.76	.78	.74	.68	.72	.66	.60	.48	.34	.28	.30	.32	.46	.78
5	.36	.24	.28	.38	.36	.24	.28	.38	.54	.54	.54	.78	.84	.78	.80	.72	.70	.58	.38	.38	.88	.82	.60	.30	.52	.88
6	.24	.20	.22	.24	.34	.36	.32	.44	.64	.72	.70	.76	.78	.78	.74	.78	.64	.62	.52	.44	.22	.20	.26	.40	.48	.78
7	.44	.36	.46	.40	.34	.30	.30	.44	.50	.70	.70	.72	.74	.84	.76	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	.54	.84
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	.68	.78	.74	.78	.76	.72	.64	.50	.36	.62	.46	.44	.24	.20	.56	.78
9	.20	.26	.26	.28	.36	.30	.26	.36	.40	.52	.66	.70	.78	.76	.84	.68	.52	.34	.48	.62	.56	.28	.36	.34	.46	.84
10	.28	.24	.20	.28	.24	.32	.36	.38	.56	.70	.74	.78	.76	.82	.80	.70	.62	.46	.60	.48	.66	.76	.54	.36	.52	.82
11	.34	.28	.30	.40	.32	.28	.28	.32	.54	.74	.76	.76	.82	.80	.82	.78	.68	.60	.62	.38	.50	.56	.52	.50	.54	.82
12	.36	.30	.28	.24	.24	.26	.36	.58	.54	.60	.72	.74	.80	.78	.76	.76	.70	.62	.48	.70	.60	.48	.48	.34	.54	.80
13	.26	.26	.34	.38	.50	.52	.46	.60	.70	.72	.74	.70	.52	.66	.70	.66	.68	.66	.52	.52	.24	.24	.24	.22	.50	.74
14	.44	.44	.28	.24	.30	.32	.34	.38	.48	.64	.68	.68	.74	.72	.66	.60	.64	.64	.76	.78	.40	.54	.54	.56	.54	.78
15	.60	.46	.20	.18	.24	.30	.40	.42	.56	.66	.72	.66	.52	.44	.52	.44	.34	.24	.30	.28	.40	.24	.24	.28	.40	.72
16	.40	.46	.54	.28	.20	.24	.18	.20	.36	.38	.38	.34	.70	.68	.70	.64	.56	.40	.30	.58	.70	.68	.28	.20	.44	.70
17	.18	.22	.26	.28	.24	.18	.22	.36	.44	.50	.62	.68	.76	.84	.84	.84	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	.46	.84
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	.66	.68	.78	.74	.68	.70	.76	.76	.52	.36	.42	.54	.42	.32	.60	.78
21	.34	.46	.34	.28	.28	.22	.18	.22	.38	.66	.66	.78	.80	.78	.64	.84	.58	.60	.66	.42	.34	.24	.20	.26	.46	.84
22	.30	.42	.28	.38	.22	.26	.34	.46	.58	.60	.64	.74	.76	.74	.76	.74	.68	.60	.46	.30	.30	.28	.24	.26	.48	.76
23	.18	.20	.26	.32	.28	.26	.30	.36	.50	.64	.70	.74	.76	.76	.74	.74	.72	.42	.34	.24	.22	.24	.34	.34	.44	.76
24	.34	.34	.28	.30	.30	.28	.30	.42	.46	.60	.74	.76	.76	.78	.80	.76	.70	.68	.54	.26	.24	.28	.48	.36	.50	.80
25	.30	.40	.28	.30	.28	.28	.30	.34	.56	.62	.66	.74	.76	.78	.78	.72	.76	.50	.42	.32	.58	.54	.32	.20	.48	.78
26	.22	.22	.24	.22	.24	.24	.38	.34	.50	.60	.70	.70	.60	.60	.72	.68	.66	.54	.62	.30	.22	.30	.42	.36	.44	.72
27	.22	.20	.24	.22	.24	.28	.28	.34	.54	.58	.72	.74	.80	.68	.68	.72	.74	.62	.50	.36	.30	.48	.56	.62	.48	.80
28	.34	.24	.20	.20	.22	.20	.20	.36	.52	.64	.72	.74	.76	.80	.80	.82	.80	.76	.68	.48	.46	.44	.32	.38	.50	.82
29	.34	.34	.54	.60	.40	.40	.38	.54	.58	.64	.60	.74	.62	.48	.40	.44	.46	.72	.40	.38	.24	.24	.24	.22	.46	.74
30	.40	.30	.18	.20	.22	.24	.34	.34	.48	.60	.66	.72	.72	.56	.54	.68	.72	.68	.54	.32	.26	.24	.28	.48	.44	.72
31	.38	.32	.38	.38	.26	.20	.26	.32	.52	.54	.72	.74	.76	.80	.62	.56	.68	.60	.70	.40	.38	.38	.26	.22	.48	.80
AV	.32	.32	.30	.30	.28	.28	.30	.38	.50	.62	.68	.72	.74	.72	.72	.70	.66	.58	.52	.44	.42	.40	.38	.34	.50	( )

SOLAR RADIATION
LY./MIN.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

****
PRELIMINARY DATA
AS OF 15 OCT 75
****
Subject To
Revision
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.05	-.05	-.05	-.05	-.05	.00	.05	.25	.25	.25	.25	.15	.25	.25	.15	.15	.10	.00	-.05	-.05	-.05	-.05	-.05	-.05	.05	.25
2	-.05	-.05	-.05	-.05	-.05	-.05	.05	.25	.30	.25	.25	.15	.15	.20	.25	.30	.15	.00	-.10	-.10	-.10	-.05	-.05	-.05	.05	.30
3	-.05	-.05	-.05	-.05	-.05	-.05	.05	.25	.30	.25	.30	.15	.10	.20	.30	.30	.15	.00	-.05	-.10	-.05	-.05	-.05	-.05	.05	.30
4	-.05	-.05	-.05	-.05	-.05	.00	.05	.10	.20	.25	.30	.25	.20	.25	.20	.15	.10	.10	.00	-.05	.00	.00	.00	.00	.10	.30
5	.00	.00	.00	.00	.00	.00	-.05	-.05	.20	.10	.25	.20	.05	.00	.25	.30	.20	.10	.00	.00	.00	.00	.00	.00	.05	.30
6	.00	.00	.00	.00	.00	.00	.10	.25	.30	.25	.15	(IM)	(IM)	.15	.25	.25	.15	.05	.00	.00	.00	.00	.00	.00	.10	.30
7	.00	.00	.00	.00	.00	.00	.05	.05	.10	.20	.30	.30	.35	.25	.25	.20	.20	.05	.00	.00	.00	.00	.00	.00	.10	.35
8	.00	-.05	-.05	-.05	-.05	.00	.10	.20	.30	.15	.20	.15	.10	.15	.25	.25	.10	.05	-.05	-.05	.00	.00	-.05	-.05	.05	.30
9	-.05	-.05	-.05	-.05	-.05	.00	.05	.25	.30	.20	.25	.10	.10	.15	.10	.15	.15	.00	-.05	-.05	-.05	-.05	-.05	-.05	.05	.30
10	-.05	-.05	-.05	-.05	-.05	.00	.05	.25	.35	.20	.25	.10	.15	.25	.35	.30	.15	-.05	-.05	-.10	-.05	-.05	-.05	-.05	.05	.35
11	-.05	-.05	-.05	-.05	-.05	.00	.05	.25	.35	.20	.25	.15	.15	.25	.35	.25	.20	.00	-.05	-.05	-.05	-.05	-.05	-.05	.10	.35
12	-.05	-.05	-.05	-.05	-.05	.00	.05	.15	.30	.20	.30	.40	.35	.25	.15	.30	.15	.05	.05	-.05	-.05	.00	-.05	.00	.10	.40
13	-.05	-.05	-.05	-.05	-.05	.00	.05	.20	.35	.15	.20	.15	.10	.20	.35	.30	.15	.05	-.05	-.10	-.05	-.05	-.05	-.05	.05	.35
14	-.05	.05	.05	.05	.05	.00	-.05	-.20	-.35	-.10	-.25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	-.05	.05
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	.10	.20	.10	.10	.10	(PF)	-.05	-.05	-.05	-.05	-.05	-.05	.05	.20
28	-.05	-.05	-.05	-.05	-.05	-.05	.00	.05	.00	.10	.35	.25	.40	.45	.55	.30	.45	.10	.00	-.05	-.05	-.05	-.05	-.05	.10	.55
29	-.05	-.05	-.05	-.05	-.05	-.05	.00	.05	.35	.30	.35	.35	.50	.90	.75	.75	.30	.20	.00	-.10	-.10	-.10	-.10	-.10	.15	.90
30	-.10	-.10	-.10	-.10	-.10	-.05	.05	.30	.60	.60	.90	1.05	1.00	.95	.85	.65	.40	.20	.05	-.10	-.05	-.10	-.10	-.10	.25	1.05
31	-.10	-.10	-.10	-.10	-.10	-.05	.05	.30	.60	.65	.55	.95	1.00	.75	.75	.70	.50	.15	-.05	-.10	-.05	-.10	-.10	-.10	.25	1.00
AV	-.05	-.05	-.05	-.05	-.05	.00	.05	.15	.25	.25	.30	.30	.30	.30	.35	.30	.20	.05	-.05	-.05	-.05	-.05	-.05	-.05	.10	( )

SOLAR RADIATION (
LY./MIN.)

WHITE RIVER SHALE PROJECT.UTAH

SITE A 6

JUNE.1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.10	-.10	-.10	-.10	-.10	-.05	.05	.30	.60	.55	.80	.90	.85	.80	.70	.55	.35	.20	-.05	-.15	-.10	-.10	-.10	-.10	.25	.90
2	-.10	-.10	-.10	-.10	-.10	-.05	.05	.30	.60	.50	.70	.70	.85	.80	.20	.40	.25	.05	-.05	-.05	-.10	-.05	-.05	-.10	.20	.85
3	-.10	-.10	-.10	-.05	-.10	-.05	.05	.30	.55	.55	.95	.95	.90	.85	.70	.60	.30	.05	-.05	-.10	-.10	-.10	-.10	-.10	.25	.95
4	-.10	-.10	-.10	-.05	-.10	-.05	.05	.30	.55	.55	.95	.95	.90	.85	.70	.60	.30	.05	-.05	-.10	-.10	-.10	-.10	-.10	.25	.95
5	-.10	-.10	-.10	-.10	-.10	.00	.05	.25	.55	.50	.75	.90	(MT)	(MT)	.75	.50	.30	.15	-.05	-.15	-.10	-.10	-.10	-.10	.15	.90
6	-.10	-.10	-.10	-.10	-.10	-.05	.05	.25	.55	.50	.65	.80	.80	.75	.65	.50	.30	.15	-.05	-.15	-.10	-.10	-.05	-.10	.20	.80
7	-.10	-.05	-.10	-.10	-.10	.00	.05	.25	.60	.60	.40	.75	.65	.60	.55	.30	.05	.00	.00	-.05	-.05	-.05	-.05	-.05	.15	.75
8	-.05	-.05	-.05	-.05	-.05	-.05	.05	.25	.40	.20	.30	.65	.75	.35	.30	.45	.15	.10	.00	-.10	-.10	-.10	-.10	-.10	.15	.75
9	-.10	-.10	-.10	-.10	-.10	-.05	.10	.15	.40	.50	.70	.80	.70	.55	.25	.00	.05	.15	-.05	-.10	-.10	-.10	-.10	-.05	.15	.80
10	-.05	-.05	-.05	-.10	-.10	.00	.05	.25	.40	.35	.65	.60	.60	.50	.20	.10	.05	.05	.00	-.05	-.10	-.10	-.10	-.10	.15	.65
11	-.10	-.10	-.10	-.10	-.10	-.05	.05	.25	.55	.55	.65	.75	.85	.75	.65	.50	.35	.15	-.05	-.15	-.15	-.10	-.10	-.10	.20	.85
12	-.10	-.10	-.10	-.10	-.10	-.05	.05	.25	.55	.60	.70	.80	.75	.65	.40	.35	.30	.10	-.05	-.15	-.15	-.10	-.10	-.10	.20	.80
13	-.10	-.10	-.10	-.10	-.10	-.05	.05	.25	.55	.55	.70	.80	.80	.75	.45	.30	.25	.05	-.05	-.10	-.10	-.10	-.10	-.10	.20	.80
14	-.05	-.05	-.10	-.10	-.10	-.10	.10	.25	.55	.55	.70	.85	.80	.80	.60	.50	.25	.10	.00	-.15	-.15	-.15	-.10	-.10	.20	.85
15	-.10	-.10	-.10	-.10	-.10	-.05	.05	.25	.55	.55	.65	.85	.80	.65	.55	.55	.35	.15	-.05	-.15	-.10	-.10	-.10	-.10	.20	.85
16	-.05	-.05	-.05	-.05	-.05	-.05	.05	.15	.45	.45	.70	.60	.50	.70	.40	.55	.40	.15	-.05	-.10	-.15	-.10	-.10	-.10	.15	.70
17	-.10	-.05	-.05	-.10	-.05	-.05	.05	.10	.10	.05	.10	.15	.40	.50	.10	.15	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.50
18	-.05	-.05	-.05	-.05	-.05	-.05	.00	.05	.15	.25	.20	.10	.15	.40	.00	.25	.20	.15	.00	-.05	-.05	-.10	-.10	-.05	.05	.40
19	-.05	-.05	-.05	-.05	-.05	-.05	.10	.20	.25	.45	.30	.20	.10	.50	.45	.40	.30	.05	-.05	-.10	-.10	-.10	-.10	-.10	.10	.50
20	-.10	-.10	-.10	-.10	-.10	-.05	.10	.20	.15	.15	.20	.05	.30	.30	.60	.70	.35	.15	-.05	-.10	-.10	-.10	-.10	-.10	.10	.70
21	-.10	-.10	-.10	-.05	-.05	.00	.15	.25	.55	.45	.70	.70	.65	.30	.05	.05	.25	.10	.00	-.10	-.10	-.10	-.10	-.10	.15	.70
22	-.10	-.10	-.10	-.10	-.10	.00	.10	.25	.60	.60	.70	.90	.85	.80	.50	.55	.35	.10	-.05	-.15	-.15	-.10	-.10	-.10	.20	.90
23	-.10	-.10	-.10	-.10	-.10	-.05	.10	.25	.50	.55	.55	.75	.05	(PF)	.40	.40	.30	.10	.00	-.10	-.10	-.10	-.10	-.10	.15	.75
24	-.10	-.10	-.10	-.10	-.10	-.05	.15	.20	.50	.55	.70	.75	.70	.60	.50	.55	.40	.15	-.05	-.15	-.15	-.15	-.15	-.10	.20	.75
25	-.10	-.10	-.10	-.10	-.10	-.05	.00	.10	.35	.45	.20	.10	.10	.40	.65	.20	.15	.15	-.05	-.15	-.15	-.15	-.15	-.10	.05	.65
26	-.10	-.10	-.10	-.10	-.10	-.05	.10	.20	.50	.50	.65	.85	.80	.75	.65	.50	.30	.10	-.10	-.15	-.15	-.15	-.15	-.15	.20	.85
27	-.15	-.10	-.10	-.10	-.10	-.05	.10	.20	.55	.50	.60	.80	.65	.55	.55	.45	.15	.25	.00	-.15	-.15	-.15	-.15	-.15	.15	.80
28	-.15	-.15	-.15	-.10	-.10	-.10	.05	.20	.50	.45	.55	.80	.75	.70	.65	.50	.30	.10	-.10	-.15	-.15	-.15	-.15	-.15	.15	.80
29	-.15	-.15	-.10	-.10	-.10	-.05	.05	.20	.55	.45	.60	.70	.65	.75	.65	.50	.30	.05	-.10	-.15	-.15	-.15	-.15	-.15	.15	.75
30	-.15	-.10	-.10	-.10	-.10	-.05	.05	.15	.55	.45	.60	.80	.75	.70	.65	.45	.25	.10	-.10	-.20	-.15	-.15	-.15	-.15	.15	.80
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	-.10	-.10	-.10	-.10	-.10	-.05	.05	.20	.45	.45	.60	.70	.65	.65	.50	.40	.25	.10	-.05	-.10	-.10	-.10	-.10	-.10	.15	( )

SOLAR RADIATION (
LY./MIN.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.15	-.15	-.15	-.15	-.10	-.05	.05	.20	.55	.45	.55	.80	.75	.70	.60	.45	.25	.10	-.10	-.15	-.15	-.15	-.15	-.15	.15	.80
2	-.10	-.10	-.10	-.10	-.10	-.05	.05	.20	.55	.45	.55	.75	.70	.10	.15	.35	.30	.20	-.05	-.10	-.10	-.10	-.10	-.10	.15	.75
3	-.10	-.10	-.10	-.10	-.05	-.05	.05	.25	.50	.50	.45	.65	.65	.25	.45	.20	.35	.20	.00	-.10	-.10	-.10	-.10	-.05	.15	.65
4	-.10	-.10	-.10	-.10	-.10	-.05	.00	.20	.55	.45	.55	.75	.80	.75	.40	.35	.30	.15	-.05	-.10	-.10	-.10	-.10	-.10	.15	.80
5	-.10	-.10	-.10	-.10	-.10	-.05	.05	.20	.30	.30	.45	.75	.80	.45	.55	.10	.30	.10	-.05	-.10	-.10	-.10	-.10	-.10	.15	.80
6	-.10	-.10	-.10	-.10	-.10	-.05	.05	.20	.50	.55	.60	.80	.75	.70	.60	.50	.20	.15	-.10	-.15	-.15	-.10	-.10	-.10	.20	.80
7	-.10	-.10	-.10	-.10	-.10	-.05	.05	.20	.50	.55	.60	.80	.75	.75	.65	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	.30	.80
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	.60	.75	.70	.70	.25	.00	-.05	-.05	-.05	-.05	-.10	-.10	-.05	-.05	.20	.75
9	-.05	-.05	-.05	-.05	-.05	-.05	.05	.20	.35	.65	.65	.80	.85	.70	.70	.25	.05	.00	-.05	-.10	-.10	-.10	-.10	-.10	.20	.85
10	-.10	-.10	-.10	-.10	-.10	-.05	.05	.20	.50	.60	.65	.80	.80	.75	.60	.35	.15	.00	-.05	-.10	-.10	-.10	-.10	-.10	.20	.80
11	-.10	-.10	-.10	-.10	-.10	-.05	.05	.15	.50	.60	.60	.80	.80	.75	.50	.35	.15	.00	-.05	-.10	-.10	-.10	-.10	-.10	.15	.80
12	-.10	-.10	-.10	-.10	-.10	-.05	.00	.25	.15	.65	.40	.70	.80	.75	.60	.45	.30	.10	-.05	-.10	-.10	-.15	-.10	-.10	.15	.80
13	-.10	-.10	-.10	-.10	-.10	-.05	.00	.15	.50	.50	.50	.10	.30	.60	.25	.35	.30	.05	-.10	-.10	-.10	-.10	-.10	-.10	.10	.60
14	-.10	-.10	-.10	-.10	-.10	-.05	.05	.15	.55	.55	.60	.80	.75	.60	.30	.35	.30	.15	.00	-.10	-.10	-.10	-.10	-.10	.15	.80
15	-.10	-.10	-.10	-.10	-.10	-.10	.00	.15	.50	.50	.40	.25	.60	.35	.40	.05	.00	.10	.00	-.10	-.05	-.10	-.05	-.05	.10	.60
16	-.05	-.05	-.05	-.10	-.10	-.05	.00	.05	-.05	.20	.30	.05	.60	.55	.65	.05	.05	.05	-.05	-.05	-.05	-.10	-.10	-.10	.05	.65
17	-.10	-.10	-.05	-.05	-.05	.00	.05	.20	.60	.40	.70	.90	.90	.65	.65	.55	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	.35	.90
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	.65	.80	.60	.30	.35	.50	.30	.10	-.05	-.15	-.10	-.15	-.10	-.10	.20	.80
21	-.10	-.10	-.10	-.10	-.10	-.05	.00	.05	.45	.45	.65	.85	.80	.70	.20	-.05	.05	.00	.00	-.15	-.15	-.10	-.10	-.10	.10	.85
22	-.10	-.10	-.10	-.10	-.10	-.05	.05	.15	.50	.45	.70	.75	.75	.70	.65	.45	.20	.10	-.10	-.15	-.10	-.10	-.10	-.10	.20	.75
23	-.10	-.10	-.05	-.05	-.10	-.05	-.05	-.05	.10	.15	.35	.65	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	.05	.65
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	.75	.70	.60	.35	.30	.10	.00	-.10	-.10	-.10	-.10	-.10	.20	.75
27	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.05	.50	.40	.75	.75	.75	.70	.15	.55	.30	.15	-.05	-.15	-.15	-.15	-.10	-.10	.15	.75
28	-.10	-.10	-.10	-.10	-.10	-.10	.00	.10	.45	.30	.65	.75	.40	.80	.50	.50	.25	.10	-.05	-.10	-.10	-.10	-.10	-.10	.15	.80
29	-.10	-.10	-.10	-.05	-.05	-.05	.00	.10	.05	.15	.30	.45	.20	.20	.65	.40	.10	.00	-.05	-.05	-.05	-.05	-.05	-.05	.10	.65
30	-.10	-.10	-.05	-.05	-.05	-.05	.00	.20	.45	.40	.80	.85	.75	.65	.65	.55	.40	.10	-.05	-.10	-.10	-.10	-.10	-.10	.20	.85
31	-.05	-.05	-.10	-.10	-.10	-.10	.00	.15	.45	.30	.75	.80	.80	.50	.30	.45	.35	.10	-.05	-.10	-.05	-.10	-.10	-.10	.15	.90
AV	-.10	-.10	-.10	-.10	-.10	-.05	.00	.15	.40	.45	.55	.70	.70	.60	.50	.35	.20	.10	-.05	-.10	-.10	-.10	-.10	-.10	.15	( )

BAROMETRIC PRESSURE
(MM OF MERCURY)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	629	630	630	630	630	630	631	631	630	630	629	628	627	627	627	627	627	627	628	628	628	629	629	629	629	631
2	629	630	630	630	631	631	632	632	632	631	631	630	630	629	629	628	628	628	628	628	629	629	630	630	630	632
3	630	630	630	631	631	631	631	631	630	630	629	628	626	625	625	624	623	623	623	623	623	623	623	622	627	631
4	622	622	621	621	621	621	621	620	620	620	620	619	618	618	617	616	616	616	616	617	619	621	621	622	619	622
5	622	622	621	622	622	622	622	622	621	621	620	620	620	620	621	621	621	621	622	622	623	623	623	623	622	623
6	624	624	624	624	624	625	625	625	625	624	624	623	623	621	623	622	622	623	623	623	623	624	624	624	624	625
7	624	624	624	624	624	624	624	625	625	625	625	625	625	625	625	625	625	625	625	626	627	627	627	627	625	627
8	627	627	627	627	628	628	628	628	628	628	628	628	627	627	627	627	627	627	627	628	629	630	630	630	628	630
9	631	631	631	631	632	632	633	633	633	632	631	631	630	631	630	630	630	630	630	630	631	632	632	632	631	633
10	633	633	633	633	634	634	634	634	634	633	633	632	631	631	630	629	629	628	628	629	629	629	630	630	631	634
11	630	631	631	631	631	632	632	632	631	630	629	629	628	627	626	625	624	623	623	623	623	623	623	625	628	632
12	626	627	628	628	629	630	630	630	630	630	629	629	629	629	630	630	629	630	630	630	631	631	629	632	629	632
13	630	632	632	632	633	633	634	634	633	633	632	632	631	631	630	630	630	629	629	629	630	631	631	631	631	634
14	632	632	632	632	632	633	633	633	633	632	632	631	631	631	630	630	630	629	629	629	630	630	630	630	631	633
15	630	630	630	630	630	630	631	630	630	629	628	627	627	626	626	625	625	625	625	625	626	626	626	626	628	631
16	626	626	626	627	627	627	628	628	627	627	627	627	626	626	626	626	626	627	627	628	629	629	630	630	627	630
17	630	630	630	630	630	630	630	631	631	630	630	629	629	628	628	628	629	629	629	630	630	630	630	630	630	631
18	630	630	630	630	631	631	631	631	631	631	626	630	629	629	628	627	627	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	630	631
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	622	621	621	620	619	619	618	617	617	617	619	618	617	619	622
20	617	619	619	619	619	619	619	618	618	617	617	616	616	616	617	617	618	618	619	621	622	623	623	623	619	623
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	627	626	626	626	626	626	626	626	626	626	626	627	628	628	628	627	628
22	628	628	628	628	629	629	629	629	629	629	628	629	629	629	630	629	629	629	629	629	630	630	630	630	629	630
23	630	630	630	630	630	630	630	630	630	630	630	629	629	629	629	629	629	629	629	629	629	630	630	630	630	630
24	630	630	630	630	630	630	630	630	629	629	628	(PF)	627	626	625	625	625	624	624	624	625	625	625	626	627	630
25	626	626	627	628	629	630	631	632	632	632	633	633	632	632	632	631	631	630	630	631	631	632	633	634	631	634
26	634	634	635	635	635	636	636	636	636	635	635	634	633	632	631	631	630	630	630	629	630	630	630	630	633	636
27	631	631	631	631	631	630	630	630	630	629	628	627	627	627	626	627	627	(PF)	628	628	628	628	628	628	629	631
28	628	628	627	627	627	627	627	627	627	628	628	627	627	627	627	627	627	627	629	629	629	629	629	630	628	630
29	630	630	630	630	630	631	632	632	632	632	633	633	633	632	632	632	631	631	631	632	632	632	632	633	632	633
30	633	633	633	633	633	633	633	633	633	632	632	631	630	630	629	629	628	628	628	628	628	628	629	629	631	633
31	629	629	629	629	630	630	630	630	629	629	629	629	628	628	628	628	628	627	628	628	629	629	629	630	629	630
AV	628	629	629	629	629	629	630	630	629	629	628	628	627	627	627	626	626	626	626	627	627	628	628	628	628	[ ]

BAROMETRIC PRESSURE
(MM OF MERCURY)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

****
PRELIMINARY DATA
AS OF 15 OCT 75
****
Subject To
Revision
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	630	630	631	631	631	632	632	632	632	632	631	631	631	631	630	630	630	630	629	629	630	630	630	630	631	632
2	631	631	631	631	631	631	631	631	631	630	630	629	628	627	626	626	626	626	626	626	626	626	626	626	628	631
3	626	626	626	626	626	626	626	626	626	625	625	624	623	623	623	623	624	624	624	626	628	628	628	628	625	628
4	628	628	628	628	628	629	629	629	629	629	629	628	628	628	627	627	627	627	627	627	628	629	629	629	628	629
5	630	630	630	630	631	631	631	631	631	631	630	630	(MT)	(MT)	(MT)	628	627	624	627	627	628	628	629	629	629	631
6	629	629	628	630	630	630	631	631	630	630	630	629	629	628	628	628	627	627	627	627	627	628	628	628	629	631
7	628	628	628	628	628	629	629	629	629	629	628	628	627	627	626	626	627	628	628	629	629	630	630	630	628	630
8	630	630	630	630	629	629	630	629	629	629	629	629	628	628	628	628	628	628	628	629	629	630	631	631	629	631
9	631	631	631	631	631	631	632	632	632	631	631	631	630	630	630	631	631	631	631	631	631	632	632	632	631	632
10	632	632	631	631	631	632	632	632	632	632	632	631	631	631	631	631	631	632	632	632	633	634	634	634	632	634
11	635	635	635	635	635	635	635	635	634	634	634	633	633	632	631	631	631	630	630	630	631	632	632	632	633	635
12	632	632	632	633	633	633	633	633	633	632	632	632	631	631	630	631	630	630	630	630	631	631	631	631	632	633
13	632	632	632	632	632	632	633	633	632	632	631	631	630	630	629	629	629	629	629	629	630	630	630	629	631	633
14	629	629	629	629	630	630	631	631	631	630	630	629	629	629	628	628	628	628	628	628	629	629	630	630	629	631
15	630	630	630	630	630	630	630	630	630	629	628	627	627	626	625	625	624	624	624	624	624	624	624	625	627	630
16	625	625	625	624	624	624	624	624	624	624	623	623	622	622	622	622	623	623	623	623	623	624	624	623	623	625
17	623	623	623	622	622	621	621	621	620	620	620	620	619	619	618	617	617	617	616	616	616	617	617	618	619	623
18	618	618	618	618	618	619	619	619	620	620	621	622	622	622	623	622	622	622	622	624	625	625	625	626	621	626
19	626	626	626	626	626	626	626	626	627	627	626	626	626	626	626	626	626	627	627	628	628	629	629	629	627	629
20	629	629	629	629	630	630	630	630	629	629	629	629	629	629	630	629	630	630	630	630	630	630	631	631	630	631
21	631	631	631	631	631	632	632	632	631	631	630	630	629	629	630	630	630	630	630	630	630	631	631	631	631	632
22	631	631	632	632	632	632	633	633	632	632	632	631	631	631	630	630	630	630	630	630	630	631	631	631	631	633
23	632	631	631	632	632	632	632	632	632	632	631	631	631	(PF)	630	629	629	628	628	628	629	629	629	629	630	632
24	629	629	629	630	630	630	631	630	630	630	630	629	629	628	628	627	627	626	626	626	626	627	627	627	628	631
25	627	627	627	627	627	627	627	627	627	627	626	627	628	628	628	629	629	630	631	631	632	633	634	634	629	634
26	635	635	635	635	635	636	636	636	635	635	634	633	633	632	631	630	629	629	629	629	629	629	630	630	633	636
27	630	630	630	630	630	630	630	630	630	629	628	627	626	626	626	625	625	625	625	625	625	626	626	626	628	630
28	627	627	628	629	629	630	630	630	630	629	628	628	627	627	626	626	626	626	627	627	627	628	628	628	628	630
29	628	628	629	629	630	631	631	631	631	630	630	629	629	629	629	628	628	628	629	629	630	630	630	631	629	631
30	631	631	631	632	632	633	633	633	633	632	632	631	630	630	630	629	629	629	629	629	629	630	630	630	631	633
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	629	629	629	629	629	630	630	630	630	629	629	629	628	628	628	627	627	627	627	628	628	629	629	629	629	[ ]

BAROMETRIC PRESSURE
(MM OF MERCURY)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

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********************
*                  *
* PRELIMINARY DATA *
* AS OF 02 OCT 75  *
*                  *
********************
*                  *
*    Subject To    *
*     Revision     *
*                  *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	6	6
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
10	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
13	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
14	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
15	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
16	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	6	6
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
21	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
22	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
23	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
24	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
25	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
26	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
27	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
28	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
29	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
30	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
31	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
AV	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	( )

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
2	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
3	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
4	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
5	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
6	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
7	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
8	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
9	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
10	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
11	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
12	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
13	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
14	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
15	( )	( )	( )	( )	( )	( )	( )	( )	( )	-1	-1	-2	-2	-3	-4	-4	-4	-3	-4	-2	-2	-1	-1	-1	-2	-1
16	-2	-1	-1	0	0	0	2	3	2	2	1	2	2	2	2	4	4	5	6	7	7	8	8	8	3	8
17	8	8	8	8	8	8	8	8	8	8	7	7	6	6	6	7	9	9	8	8	9	9	9	9	8	9
18	9	10	10	10	10	9	9	10	10	9	8	9	9	8	7	8	8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	9	10
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	8	5	6	7	7	8	8	8	8	8	11	12	12	8	12
20	12	9	10	10	10	9	9	9	9	10	10	10	9	8	11	11	11	12	11	10	8	8	7	7	10	12
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	7	6	6	8	9	8	8	9	6	7	6	7	8	8	8	7	9
22	8	9	9	10	10	9	10	11	8	8	8	9	9	10	10	11	10	10	9	9	9	9	9	9	9	11
23	10	10	10	9	9	9	10	11	10	9	8	7	6	6	7	7	7	7	7	7	9	10	10	10	9	11
24	11	11	11	11	12	12	12	12	12	11	10	(IM)	9	6	8	8	8	8	8	8	10	9	10	12	10	12
25	13	13	12	9	8	8	7	8	8	8	8	6	8	6	3	5	3	2	2	2	5	7	7	8	7	13
26	8	8	6	6	8	9	10	9	7	6	4	3	4	5	6	4	3	4	4	4	7	9	9	12	6	12
27	12	12	13	14	13	13	14	14	14	13	12	9	5	3	3	4	6	(IM)	8	8	8	9	9	8	10	14
28	8	8	8	8	8	8	8	8	7	7	7	7	7	6	6	6	5	5	5	5	5	5	5	6	7	9
29	5	5	5	5	6	6	5	5	5	5	5	6	5	5	5	5	4	4	3	4	4	4	4	5	5	6
30	4	4	4	4	4	4	5	6	6	5	6	4	4	3	1	-1	0	0	0	2	6	6	6	6	4	6
31	6	6	6	6	6	6	7	7	8	8	7	6	5	5	5	5	4	4	5	7	7	7	8	9	6	9
AV	8	8	8	8	8	8	8	9	8	7	7	6	6	5	5	6	6	5	5	6	7	7	8	8	7	( )

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	11	10	10	9	9	9	10	9	8	9	8	5	2	0	0	1	1	1	0	2	6	6	6	7	6	11
2	9	9	10	10	9	9	11	11	9	9	10	10	7	7	7	10	13	12	12	12	11	12	12	13	10	13
3	13	12	13	13	13	13	14	14	13	12	13	11	8	7	5	8	7	7	9	9	12	14	14	14	11	14
4	14	14	13	13	12	12	12	13	14	15	10	9	8	8	7	6	5	5	6	9	9	9	9	9	10	15
5	10	12	10	11	11	12	13	13	7	12	10	9	[MT]	[MT]	[MT]	7	10	10	10	11	13	13	12	11	11	13
6	11	13	12	13	15	16	17	16	14	12	12	11	9	8	7	7	6	7	8	10	12	12	12	11	11	17
7	12	15	17	18	15	15	16	16	16	18	17	17	14	14	13	11	13	16	15	15	16	16	18	16	15	18
8	16	16	16	16	16	16	17	16	16	17	17	16	15	14	11	13	13	12	11	13	13	14	14	13	15	17
9	13	10	9	9	11	13	14	15	16	15	17	17	18	15	15	19	21	20	19	19	20	20	20	20	16	21
10	19	18	18	18	18	18	19	22	27	28	27	21	20	20	18	18	16	21	22	22	18	22	19	19	20	28
11	17	17	17	16	15	15	18	22	25	29	25	23	29	29	29	30	27	25	25	25	24	25	21	21	23	30
12	22	23	22	20	20	20	22	25	21	21	19	26	25	21	21	23	22	21	22	22	23	25	21	19	22	26
13	22	25	25	24	23	22	24	24	31	30	28	28	26	27	20	20	23	23	26	27	27	23	20	22	25	31
14	23	27	21	20	21	21	22	21	21	33	28	18	16	24	24	23	25	26	26	26	24	21	22	24	23	33
15	27	27	25	24	23	22	24	28	30	30	32	27	19	25	23	24	25	23	22	23	20	18	23	21	24	32
16	23	31	31	30	30	30	30	32	33	31	29	27	25	25	25	27	25	25	24	31	32	30	28	28	28	33
17	27	26	26	28	28	27	28	29	30	29	28	29	31	32	31	29	28	28	29	29	32	32	28	27	29	32
18	26	25	25	25	24	22	22	22	22	22	23	22	22	24	23	22	24	27	26	23	21	19	18	17	23	27
19	16	16	16	16	15	15	17	21	25	27	29	28	28	30	31	31	32	32	31	28	24	22	21	20	24	32
20	19	19	18	17	16	16	19	24	27	27	28	28	26	28	26	28	30	30	29	26	23	21	19	17	23	30
21	17	16	16	15	14	15	18	23	28	31	34	35	35	33	31	26	26	28	29	29	28	26	24	23	25	35
22	22	21	19	19	18	18	21	25	30	34	38	38	38	37	38	38	36	37	38	36	34	31	29	27	30	38
23	25	24	22	21	21	20	23	27	31	35	36	38	31	[PF]	24	18	26	26	26	26	28	23	24	25	26	38
24	26	25	24	23	22	21	23	27	27	28	31	37	37	37	37	37	35	26	25	24	24	21	22	29	28	37
25	28	27	24	27	29	29	28	29	31	28	30	30	29	31	33	34	31	30	29	27	24	23	22	20	28	34
26	19	17	16	15	14	14	17	22	27	28	28	25	29	29	29	28	22	21	22	20	22	20	23	26	22	29
27	24	23	21	20	19	19	21	27	30	30	33	32	26	36	33	27	34	32	32	32	34	27	24	30	28	36
28	29	29	27	25	23	22	24	28	33	34	19	31	35	32	32	22	24	24	24	26	27	24	18	22	26	35
29	31	29	28	26	23	22	24	29	29	35	25	21	22	25	28	28	30	29	30	31	35	34	32	31	28	35
30	29	28	27	25	23	22	24	30	35	34	25	28	33	30	31	30	30	33	32	34	37	32	33	31	30	37
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	20	20	19	19	18	18	20	22	24	25	24	23	23	23	22	22	22	22	22	22	22	21	20	20	21	[ ]

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	24	22	21	20	19	19	21	27	32	35	31	34	35	34	31	29	30	28	25	28	33	32	31	29	28	35
2	27	26	25	24	23	21	23	28	33	38	40	39	36	38	37	37	37	32	24	26	29	28	28	29	30	40
3	30	28	27	26	26	26	28	32	35	30	27	27	24	17	18	21	25	21	18	24	26	28	30	28	26	35
4	27	26	25	24	23	23	24	28	33	29	33	32	27	30	25	25	24	22	22	27	30	30	29	29	27	33
5	28	28	27	26	26	25	26	29	31	31	33	30	31	28	27	28	2	10	10	10	10	10	10	10	22	33
6	10	10	10	10	10	10	10	11	11	11	10	10	10	9	8	8	8	9	9	10	10	10	9	9	10	11
7	9	9	10	10	11	11	11	12	11	9	11	11	10	9	10	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	12
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	9	9	9	8	9	12	10	11	10	10	10	11	11	10	12
9	12	11	11	11	10	10	11	12	12	11	11	10	10	9	9	9	9	9	10	11	11	11	12	12	11	12
10	12	12	11	11	11	11	12	12	11	10	10	9	7	7	7	5	5	5	7	7	7	6	6	7	9	12
11	7	7	9	15	21	20	19	22	19	10	14	14	7	7	6	6	6	6	6	6	8	7	8	8	11	22
12	11	19	20	19	20	23	24	25	25	23	16	16	18	19	15	13	8	5	6	9	9	9	10	12	16	25
13	19	24	25	25	25	26	28	29	25	25	26	27	29	31	28	27	26	18	18	20	27	31	28	26	26	31
14	26	25	24	23	22	21	23	28	17	13	11	15	15	13	12	15	16	15	14	14	15	18	24	25	19	28
15	26	27	27	27	25	24	24	26	31	25	18	21	25	29	33	33	32	17	15	16	14	15	15	16	23	33
16	17	16	16	16	17	16	17	17	16	17	17	16	16	15	15	15	15	15	15	18	20	18	18	18	17	20
17	16	18	19	19	18	18	19	20	19	11	16	16	18	19	20	22	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	18	22
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	7	7	7	6	3	4	5	5	4	5	6	7	7	8	6	8
21	8	9	9	9	11	11	12	12	11	11	9	8	7	6	7	8	8	9	12	12	10	8	9	10	9	12
22	13	16	19	21	20	20	21	20	17	10	8	10	9	8	8	9	8	9	8	9	11	13	14	17	13	21
23	19	23	23	23	22	22	23	25	28	18	22	14	(MT)	15	15	15	13	14	13	12	17	25	21	20	19	28
24	21	19	19	17	17	16	17	20	21	19	17	15	15	14	16	14	12	11	11	13	18	21	22	21	17	22
25	21	19	18	17	17	16	17	23	26	19	14	14	15	16	13	10	17	14	15	17	24	23	24	23	18	26
26	22	21	19	18	17	16	17	23	27	22	23	15	10	13	12	11	13	13	13	12	12	12	15	15	16	27
27	19	24	25	24	22	22	23	26	25	19	13	14	16	16	19	21	20	20	20	20	21	22	20	23	21	26
28	25	27	27	26	25	24	25	29	32	20	27	25	16	19	24	26	12	12	9	7	8	9	11	13	20	32
29	23	28	29	29	29	29	29	31	32	33	34	34	27	27	30	34	31	31	30	28	26	25	25	25	29	34
30	25	24	23	23	22	22	22	23	27	30	21	22	28	28	23	22	23	14	15	20	27	28	27	27	24	30
31	27	27	27	26	25	24	24	27	31	29	21	17	15	15	14	15	13	12	14	22	27	27	26	25	22	31
AV	19	20	20	20	20	19	20	23	24	21	19	18	18	17	17	18	16	14	14	15	17	18	18	18	18	( )

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.5	1.0	1.0	1.0	.5	1.0	.5	1.0	1.0	2.5	5.0	6.0	8.0	12.0	12.0	5.0	15.5	14.0	8.0	2.0	.5	1.0	1.0	.5	4.0	15.5
2	1.5	1.0	.5	.5	1.5	.5	1.0	1.0	2.0	2.0	4.5	6.5	9.0	12.5	13.0	9.5	7.0	3.0	1.0	1.0	1.5	2.0	5.5	3.0	4.0	13.0
3	1.5	2.0	.5	.5	1.0	.5	1.0	2.0	3.5	3.5	5.0	11.0	12.0	15.5	17.0	19.5	20.5	19.5	18.0	15.0	17.0	20.0	22.0	23.5	10.5	23.5
4	19.0	17.0	16.5	16.0	14.0	16.0	12.5	23.0	30.5	33.5	28.0	28.0	36.0	24.5	25.0	32.5	29.5	34.0	24.5	22.0	17.5	14.5	12.5	6.5	22.5	36.0 *
5	3.0	6.5	5.0	6.5	6.5	4.0	2.5	1.0	4.0	2.0	5.0	8.0	10.5	13.0	8.0	7.5	7.5	8.0	5.5	7.5	7.5	5.0	7.0	7.5	6.0	13.0
6	8.0	12.0	12.5	14.0	13.5	12.5	14.5	11.0	11.5	15.5	18.0	17.5	20.0	17.5	15.0	19.5	20.5	17.0	16.0	15.0	13.0	19.0	23.5	22.5	16.0	23.5
7	24.0	21.0	12.0	14.0	11.0	10.5	17.5	17.0	18.5	19.0	19.5	22.5	22.5	21.0	19.5	20.5	20.5	17.0	13.0	15.5	14.5	11.0	6.5	8.0	16.5	24.0
8	1.5	1.5	1.5	1.0	1.5	1.5	1.0	.5	1.0	5.5	9.5	13.5	13.5	11.0	12.0	9.5	7.5	11.5	2.0	5.5	8.0	8.5	2.0	1.5	5.5	13.5
9	2.0	.5	1.0	1.5	.5	1.0	1.0	1.0	1.5	2.5	3.5	3.5	11.0	13.5	9.5	12.0	18.0	8.0	3.0	5.5	2.0	3.5	1.5	2.0	4.5	18.0
10	.5	1.0	.5	.5	.5	1.0	1.0	1.0	2.0	2.0	2.5	4.5	6.5	10.5	10.0	8.0	7.0	7.5	6.0	7.5	4.0	1.5	2.0	2.0	3.5	10.5
11	1.0	1.5	1.0	3.0	2.0	2.5	1.0	1.0	1.5	3.0	4.0	4.5	5.0	7.5	8.5	6.5	12.0	16.0	12.0	8.0	11.5	13.5	16.0	20.5	7.0	20.5
12	19.0	20.0	20.0	22.0	12.0	5.0	8.5	9.5	7.5	5.5	4.0	11.0	12.0	7.0	8.0	9.0	6.5	10.0	9.5	3.5	2.0	6.0	7.0	1.0	9.5	22.0
13	.5	.5	.5	.5	.5	.5	1.0	.5	1.0	4.5	6.0	5.5	6.0	6.0	6.0	6.5	4.5	4.0	3.0	2.5	4.0	2.0	1.5	.5	3.0	6.5
14	.5	2.0	2.0	2.0	3.0	1.0	1.0	2.0	2.5	2.5	3.0	5.5	5.5	6.0	6.5	6.0	6.0	2.0	4.5	3.0	4.0	4.5	3.5	5.0	3.5	6.5
15	2.0	2.5	1.0	2.5	2.5	1.0	1.0	2.0	2.0	2.5	3.0	5.5	8.0	16.5	13.5	5.0	6.5	18.0	12.5	13.0	18.5	8.0	3.5	2.0	6.5	18.5
16	5.0	4.5	2.5	4.5	6.0	3.5	2.5	2.0	2.5	14.0	17.0	12.5	12.0	11.0	8.0	18.0	8.5	17.5	15.5	9.0	7.0	7.0	9.5	3.0	8.5	18.0
17	3.0	1.0	2.0	1.0	.5	.5	.5	1.0	2.5	3.5	7.0	6.0	8.0	9.5	5.5	14.5	6.0	6.0	5.5	3.0	5.0	9.5	3.5	1.5	4.5	14.5
18	.5	1.0	1.0	1.5	1.0	1.0	1.0	.5	7.0	17.0	22.5	21.0	20.5	21.0	21.5	24.5	20.5	(PF)	(PF)	(PF)	(PF)	(PF)	10.5	4.0	10.5	24.5
19	4.5	2.0	3.0	2.0	1.0	2.5	1.5	1.5	1.5	5.0	7.0	6.5	21.0	23.0	21.5	21.0	21.0	24.0	25.0	26.0	22.5	11.0	7.5	8.5	11.5	26.0
20	12.5	15.5	10.5	5.0	4.5	13.0	15.5	17.5	12.5	8.5	8.0	20.5	11.5	23.5	11.5	6.5	8.0	13.0	15.5	14.5	12.0	3.5	5.5	4.5	11.5	23.5
21	2.5	3.5	4.5	8.5	12.0	22.5	8.5	6.5	14.5	17.0	17.5	17.0	15.0	11.5	15.5	17.0	15.0	14.0	16.0	18.0	14.5	7.5	2.5	1.0	12.0	22.5
22	1.0	1.5	1.0	1.5	1.5	.5	.5	1.0	2.0	3.5	4.5	11.5	11.0	13.5	11.5	7.5	3.0	4.5	9.5	8.0	6.5	2.0	6.5	5.0	5.0	13.5
23	.5	.5	.5	1.0	1.5	.5	1.0	1.5	2.0	9.0	10.5	11.5	11.5	11.5	13.5	9.5	10.5	8.5	9.0	6.5	7.0	2.5	1.0	1.0	5.5	13.5
24	.5	.5	.5	.5	.5	1.0	.5	1.0	1.0	3.0	10.0	12.0	17.5	17.5	19.0	18.0	19.5	19.0	17.0	16.5	18.0	22.0	17.0	8.5	10.0	22.0
25	6.5	8.5	13.5	7.5	10.0	11.5	18.0	15.5	8.0	9.0	13.0	12.0	12.5	11.5	5.0	6.0	5.0	4.5	5.0	1.5	4.5	4.5	8.5	7.5	8.5	18.0
26	3.5	3.0	1.0	10.0	9.5	4.5	1.5	1.0	7.0	6.0	4.0	6.0	4.5	5.5	5.5	3.5	3.5	1.5	2.5	2.5	1.5	1.0	1.0	3.0	4.0	10.0
27	5.0	11.0	5.0	7.0	2.0	7.0	8.0	4.5	3.0	3.5	4.5	5.0	19.0	14.0	4.0	9.0	18.5	11.0	6.0	3.5	1.0	.5	4.5	11.5	7.0	19.0
28	8.5	3.5	2.0	1.5	1.0	1.0	1.0	6.0	4.5	4.5	6.5	3.0	4.0	7.0	5.5	9.0	21.5	12.5	20.0	16.0	17.5	13.5	3.0	5.0	7.5	21.5
29	6.5	4.0	3.5	4.5	1.0	8.0	15.5	9.5	16.5	16.5	11.5	13.0	16.0	17.5	15.0	14.0	10.5	12.0	11.0	14.5	8.0	4.5	3.0	3.0	10.0	17.5
30	2.5	4.5	3.0	1.0	1.5	2.5	1.5	1.5	2.0	2.5	3.5	4.0	4.0	5.0	5.0	6.0	5.0	4.0	2.5	2.5	3.5	4.0	6.5	2.0	3.5	6.5
31	2.5	1.5	2.0	3.5	2.0	2.5	3.5	2.5	7.5	9.0	6.5	6.0	5.0	6.5	10.5	6.0	5.5	5.0	9.0	8.5	7.0	9.5	4.5	1.5	5.5	10.5
AV	5.0	5.0	4.0	4.5	4.0	4.5	4.5	4.5	6.0	7.5	9.0	10.5	12.0	13.0	11.5	12.0	12.0	11.5	10.5	9.0	8.5	7.5	7.0	5.5	8.0	( )

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.0	1.5	2.0	1.5	2.0	3.5	3.5	11.5	13.5	8.5	3.5	5.5	5.0	5.0	5.0	4.5	3.0	3.0	1.0	4.5	4.0	2.0	1.5	3.5	4.0	13.5
2	2.5	2.0	3.0	1.5	1.5	3.0	1.5	3.5	6.0	3.0	6.5	5.5	3.5	5.0	4.5	13.5	8.0	7.0	6.0	6.5	4.0	2.0	5.5	5.0	4.5	13.5
3	3.0	2.5	1.5	2.0	1.5	2.5	1.0	.5	1.5	1.5	2.0	2.5	6.5	14.0	19.0	26.5	12.0	10.5	6.0	11.5	13.5	5.0	7.0	5.0	6.5	26.5
4	2.5	3.5	6.0	8.0	2.0	1.5	6.5	4.0	2.0	1.5	4.5	4.0	4.5	5.5	5.0	6.0	4.0	2.0	4.5	8.0	7.0	2.5	4.0	4.5	4.5	8.0
5	4.0	2.5	2.0	1.5	.5	2.5	1.0	2.0	2.0	2.0	4.0	3.5	5.0	6.0	7.0	6.0	6.0	3.0	1.0	3.0	3.0	.5	.5	5.5	3.0	7.0
6	3.5	3.5	5.5	4.0	1.5	1.5	1.5	1.5	2.5	4.0	3.0	5.0	7.5	7.0	8.5	9.0	5.0	3.5	1.0	2.0	2.0	1.0	3.0	2.0	3.5	9.0
7	4.0	2.0	3.0	4.0	4.0	5.0	2.0	4.0	11.5	12.0	8.0	8.5	11.0	15.5	7.0	9.5	16.0	15.0	13.0	9.0	3.5	7.0	3.5	7.0	7.5	16.0
8	6.0	3.5	.5	3.5	10.5	4.0	6.0	1.0	1.5	1.0	1.5	5.5	8.5	11.5	13.5	11.5	9.5	12.5	15.5	10.5	8.5	11.0	10.0	6.5	7.0	15.5
9	1.5	11.0	16.0	7.5	10.0	13.0	9.0	11.0	12.0	8.5	11.5	11.0	10.0	18.0	19.5	20.0	13.0	10.5	7.0	4.0	.5	3.0	2.0	.5	9.5	20.0
10	1.0	.5	1.0	1.0	.5	.5	1.0	1.5	1.5	7.0	9.5	12.0	11.0	10.0	11.5	7.5	5.5	4.5	2.5	2.5	5.0	4.0	4.0	2.0	4.5	12.0
11	1.5	1.5	1.0	.5	3.0	1.0	.5	1.0	1.5	4.0	5.5	6.0	8.5	9.0	7.5	6.5	9.0	5.0	5.0	1.0	11.5	8.0	5.5	3.5	4.5	11.5
12	2.5	1.5	2.0	1.0	2.5	1.5	2.0	2.5	3.0	5.0	5.5	5.0	5.5	10.5	11.5	16.0	13.0	10.5	7.5	7.5	13.0	8.0	9.5	6.0	6.5	16.0
13	3.0	1.5	3.0	3.0	2.0	.5	1.5	2.0	2.5	3.0	5.0	12.5	15.5	16.0	18.0	21.0	22.5	21.5	18.0	14.0	8.0	5.0	4.5	7.0	9.0	22.5
14	6.0	5.5	8.5	14.5	4.0	2.5	2.5	9.5	5.5	11.5	12.5	15.5	15.0	15.5	17.0	15.0	17.0	21.0	22.5	19.0	17.0	14.5	3.0	3.5	11.5	22.5
15	1.5	3.0	2.0	2.0	2.5	2.0	2.5	2.0	4.5	7.5	7.0	7.0	12.5	18.5	20.0	19.5	22.0	22.0	19.0	12.0	3.5	3.5	8.5	3.0	8.5	22.0
16	4.5	2.5	2.0	5.5	3.5	1.0	1.5	1.0	5.5	2.5	9.5	13.0	15.5	22.0	28.0	24.5	23.0	23.5	20.5	17.0	9.5	5.0	2.0	6.0	10.5	28.0
17	8.5	6.5	5.5	6.0	13.5	11.5	14.5	8.5	8.5	7.0	3.5	5.5	3.5	3.5	3.5	4.0	6.5	14.0	11.0	10.0	12.5	17.0	13.0	10.0	8.5	17.0
18	5.5	3.5	9.5	10.0	6.5	10.5	6.5	8.0	15.0	16.5	16.0	14.0	3.5	5.0	11.5	15.0	6.0	17.5	24.0	19.5	5.0	5.5	3.0	1.0	10.0	24.0
19	1.5	5.0	4.5	4.0	3.0	2.0	1.0	2.5	7.5	4.5	20.5	21.5	11.5	7.5	16.0	16.5	14.0	14.0	16.0	4.5	1.5	1.0	2.0	.5	7.5	21.5
20	.5	.5	1.0	.5	.5	1.0	.5	1.0	1.5	4.0	3.0	12.0	12.0	10.0	15.5	15.0	16.5	15.0	9.5	4.5	.5	.5	.5	1.0	5.5	16.5
21	1.5	.5	.5	3.5	.5	.5	1.0	2.0	2.0	4.5	5.0	8.0	8.0	13.0	17.0	15.5	11.0	6.0	1.0	.5	1.0	1.0	1.0	.5	4.5	17.0
22	.5	.5	.5	.5	1.0	1.0	1.5	2.0	2.0	1.5	4.0	4.0	5.0	7.0	8.5	9.5	8.5	6.5	3.0	4.0	6.0	2.5	8.0	7.5	4.0	9.5
23	5.5	3.5	1.5	.5	.5	1.5	2.5	3.5	4.0	4.5	4.0	4.5	15.5	7.5	5.0	4.5	4.0	7.5	10.0	7.5	6.5	3.0	.5	1.0	4.5	15.5
24	4.0	1.0	1.5	3.5	1.5	2.5	1.5	2.0	3.5	22.0	24.0	24.5	32.0	25.0	28.0	25.5	28.0	24.5	21.5	15.0	14.0	11.5	13.5	14.5	14.5	32.0
25	15.0	13.5	17.0	21.0	23.0	22.5	19.5	21.5	24.5	23.5	22.0	20.5	18.0	12.5	14.5	23.5	24.5	26.0	24.5	21.5	18.0	10.0	3.5	1.0	18.5	26.0
26	1.5	3.0	1.0	.5	1.5	.5	1.5	2.5	3.5	4.5	5.5	5.5	6.5	5.5	5.5	6.0	6.5	4.0	3.0	1.0	2.5	1.5	1.0	1.5	3.0	6.5
27	3.5	2.0	1.0	2.5	4.0	2.0	.5	1.5	2.5	2.5	4.0	8.0	15.0	22.0	20.0	20.0	17.0	19.5	20.0	17.0	13.5	13.5	3.0	6.5	9.0	22.0
28	6.0	6.0	3.5	3.5	2.5	3.5	2.5	2.0	3.5	3.5	5.0	6.0	7.0	14.0	11.0	13.5	15.5	18.0	17.5	13.5	15.5	15.5	6.0	5.5	8.5	18.0
29	5.5	5.0	4.0	4.5	5.5	4.5	2.5	2.0	4.5	4.0	13.5	21.0	18.0	18.5	20.5	20.5	18.5	20.5	17.0	13.0	17.0	14.5	8.0	5.0	11.0	21.0
30	4.0	4.0	4.0	5.0	4.0	3.0	2.0	1.5	2.5	3.0	5.0	9.0	18.5	19.5	20.5	21.0	19.0	16.0	15.0	9.5	5.0	2.0	.5	2.5	8.0	21.0
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	3.5	3.5	4.0	4.0	4.0	3.5	3.5	4.0	5.5	6.5	8.0	9.5	10.5	12.0	13.5	14.0	13.0	13.0	11.5	9.0	7.5	6.0	4.5	4.5	7.5	( )

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.0	3.0	2.5	1.0	2.0	4.5	2.5	2.5	2.5	3.5	3.5	16.0	21.0	22.0	22.5	19.5	17.0	16.5	15.5	11.0	10.5	8.0	2.5	2.5	9.0	22.5
2	3.0	1.5	2.5	1.5	1.5	1.0	4.5	2.5	2.5	3.5	5.5	6.5	7.5	7.5	10.5	12.5	17.0	17.0	16.0	22.0	23.0	15.0	9.0	8.0	8.5	23.0
3	2.0	5.5	4.0	2.5	1.5	1.0	3.5	2.5	8.5	9.5	7.0	10.5	7.0	12.5	13.5	9.0	4.5	3.5	9.5	11.5	5.0	1.0	2.5	1.5	6.0	13.5
4	4.0	1.0	2.5	1.5	1.0	1.5	1.0	1.0	1.5	6.0	7.5	8.0	9.0	9.5	12.0	12.0	9.5	9.5	12.5	9.0	5.0	3.5	3.5	2.5	5.5	12.5
5	3.5	4.0	8.0	4.5	5.0	3.0	3.0	1.5	3.5	5.5	4.5	7.5	8.5	7.5	7.5	15.0	13.5	9.0	1.5	13.0	21.5	13.5	10.0	1.0	7.5	21.5
6	2.5	9.0	3.5	.5	.5	.5	1.0	1.0	3.5	6.0	7.0	6.0	6.5	7.5	7.5	7.5	5.0	6.5	9.5	9.5	5.0	1.0	.5	.5	4.5	9.5
7	.5	4.0	1.0	3.5	3.5	1.0	.5	3.0	3.0	3.5	4.5	6.5	7.5	8.0	9.0	13.5	15.0	12.0	9.0	6.5	8.5	6.5	8.5	17.5	6.5	17.5
8	17.0	12.0	11.5	14.0	10.0	6.5	2.5	2.5	7.0	8.5	5.5	5.5	7.0	6.5	8.5	10.0	14.5	11.5	12.5	6.0	11.5	6.5	2.0	2.0	8.5	17.0
9	2.0	.5	1.5	9.0	5.5	1.0	3.0	1.5	.5	3.5	3.0	6.0	7.5	16.5	19.0	13.0	6.5	3.5	14.5	16.5	7.5	4.0	13.0	12.0	7.0	19.0
10	12.5	13.0	5.0	4.5	6.0	2.0	1.5	1.5	8.5	10.5	9.5	9.5	10.0	9.5	14.0	10.5	8.0	6.0	11.5	8.5	9.5	10.5	9.5	5.5	8.0	14.0
11	6.0	8.5	4.0	4.5	2.5	3.5	3.5	3.0	5.5	10.0	8.0	10.5	12.5	10.5	10.5	10.0	10.0	16.5	13.5	7.0	10.5	11.5	11.0	11.0	8.5	16.5
12	10.0	10.5	3.5	6.5	3.5	8.5	9.5	9.5	9.0	9.5	11.5	13.0	12.5	10.0	7.0	7.0	7.5	6.5	6.5	19.5	18.0	15.0	12.5	7.0	9.5	19.5
13	1.5	1.5	1.5	4.5	8.0	6.0	5.5	8.5	9.5	13.5	11.5	12.5	6.5	4.5	16.0	10.5	14.0	14.0	10.5	9.5	2.5	2.0	3.5	2.0	7.5	16.0
14	2.0	1.5	1.5	.5	2.0	.5	.5	2.0	3.0	5.0	5.5	5.5	5.0	7.0	7.5	8.5	7.0	10.5	18.5	17.0	5.5	6.5	4.0	4.5	5.5	18.5
15	4.5	6.5	2.0	2.0	1.5	1.5	1.0	1.0	4.0	5.5	7.5	7.0	10.0	8.0	5.0	7.0	6.5	1.5	.5	.5	2.5	2.5	1.0	1.0	4.0	10.0
16	10.0	11.0	8.5	3.5	1.5	3.5	5.0	1.0	10.5	5.0	4.5	9.5	13.0	13.5	6.0	14.0	13.0	4.5	7.5	14.0	12.5	8.5	3.5	.5	7.5	14.0
17	2.0	1.0	.5	.5	.5	.5	1.0	.5	1.0	1.5	3.5	5.5	10.0	14.0	19.5	17.5	15.5	11.5	6.0	6.5	8.0	3.5	3.0	1.0	5.5	19.5
18	3.0	7.5	5.0	4.0	1.0	1.5	1.0	1.0	4.5	5.0	5.5	7.5	8.5	7.5	8.0	7.0	8.0	3.0	4.5	5.5	10.0	12.5	9.5	4.0	5.5	12.5
19	1.5	1.0	.5	1.5	.5	2.5	2.0	2.0	2.0	4.0	4.0	4.0	6.0	8.5	8.0	8.5	7.5	6.0	7.0	8.5	8.0	9.0	2.0	4.0	4.5	9.0
20	4.0	1.0	1.0	2.0	1.5	2.5	2.0	.5	2.0	2.5	5.5	6.0	5.0	11.5	13.0	9.5	16.0	17.0	13.0	9.0	12.0	12.5	9.0	9.0	7.0	17.0
21	5.5	8.5	5.0	3.0	3.0	1.5	2.0	1.0	1.0	7.0	7.0	6.5	7.0	5.0	10.0	21.5	11.0	18.0	12.5	6.5	6.0	5.0	3.0	2.0	6.5	21.5
22	1.5	2.0	4.0	3.5	4.0	6.5	3.5	1.5	3.0	3.5	5.0	4.5	6.5	7.5	8.0	7.0	8.5	11.0	10.0	9.5	14.0	12.0	5.0	2.0	6.0	14.0
23	1.0	3.5	3.5	2.5	2.5	2.0	1.5	1.0	3.0	2.5	5.0	5.5	7.5	8.5	8.5	9.0	13.5	2.0	1.0	5.5	6.5	4.5	9.5	2.0	4.5	13.5
24	2.0	2.5	2.5	2.0	3.0	1.5	1.5	2.0	2.0	3.0	5.0	6.0	7.0	9.0	8.5	8.5	9.5	11.0	13.0	10.5	10.0	2.5	1.5	5.5	5.5	13.0
25	2.5	2.0	3.0	3.5	2.0	1.5	2.0	1.5	3.0	3.5	4.0	5.0	7.5	9.5	9.0	6.5	11.0	8.0	8.5	12.0	17.0	12.5	5.5	3.0	6.0	17.0
26	3.0	3.0	1.5	3.0	2.0	2.0	1.0	1.5	2.5	4.0	5.5	6.0	7.0	8.0	10.0	9.0	6.0	9.5	10.5	3.5	3.0	2.0	8.0	3.5	5.0	10.5
27	4.5	2.0	1.5	.5	2.5	1.5	3.0	3.0	4.0	3.5	5.0	5.5	6.0	6.0	6.5	11.0	10.5	10.5	9.0	9.5	11.5	13.5	17.0	10.0	6.5	17.0
28	6.0	5.5	3.5	1.0	2.5	4.0	2.5	2.0	1.5	3.5	4.0	8.0	8.5	9.0	9.5	14.5	14.5	18.5	19.0	16.5	13.0	15.5	13.5	8.5	8.5	19.0
29	10.5	3.5	11.5	17.5	19.0	9.5	7.5	9.5	9.0	12.0	12.5	7.0	7.0	10.5	7.5	1.0	4.5	11.5	8.5	8.0	8.5	5.5	3.0	1.5	8.5	19.0
30	.5	7.5	1.0	1.0	1.0	.5	2.0	9.5	5.0	1.0	6.0	8.0	6.5	14.5	11.5	5.0	3.0	7.0	15.0	11.5	6.0	6.0	3.0	4.5	5.5	15.0
31	7.5	6.0	4.0	7.0	3.0	3.0	2.5	1.5	4.0	4.0	3.0	5.5	9.5	6.0	7.0	8.5	5.5	9.0	11.0	17.0	6.5	8.5	5.5	4.0	6.0	17.0
AV	4.5	5.0	3.5	4.0	3.5	3.0	2.5	2.5	4.0	5.5	6.0	7.5	8.5	9.5	10.5	10.5	10.0	9.5	10.0	10.5	9.5	8.0	6.5	4.5	6.5	( )

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	40	45	190	45	0	100	340	40	110	190	265	220	245	185	190	245	300	305	265	215	(VA)	215	325	340	(VA)	
2	5	45	295	340	355	350	195	345	330	275	200	280	270	265	275	280	250	245	170	115	180	170	185	225	13	
3	290	320	0	15	80	330	60	55	10	335	270	260	250	210	210	200	205	210	200	180	165	170	175	180	10	
4	175	190	180	170	175	170	175	175	180	180	180	185	175	175	175	180	180	180	190	225	295	275	255	230	9	
5	180	180	195	175	155	185	45	265	5	340	315	320	245	165	105	175	205	235	245	240	195	160	190	185	9	
6	190	175	180	180	180	180	175	180	195	205	210	205	200	255	210	225	210	210	245	245	200	195	180	190	(VA)	
7	185	180	220	205	215	200	185	185	190	195	195	195	185	205	215	225	215	225	240	225	250	205	205	180	10	
8	55	80	70	80	70	115	50	90	220	260	230	260	240	250	270	280	260	260	270	130	140	260	100	180	13	
9	235	330	0	15	20	315	15	320	270	305	295	275	200	145	220	200	310	35	60	65	270	140	310	315	15	
10	175	25	340	310	340	20	(VA)	315	280	205	300	235	240	270	285	285	270	330	20	50	65	270	310	345	(VA)	
11	260	145	310	330	345	340	355	130	35	280	255	195	270	275	230	280	245	225	210	175	170	180	245	260	13	
12	255	270	275	260	240	170	205	260	270	260	200	35	10	65	35	80	15	65	100	110	130	40	40	280	13	
13	170	160	80	270	30	325	335	35	250	60	45	175	345	280	240	260	300	290	50	70	90	185	270	10	13	
14	345	0	55	70	80	65	15	45	245	260	185	240	280	220	285	300	310	210	115	110	130	225	210	145	(VA)	
15	15	65	10	70	95	80	85	15	10	45	220	315	260	255	120	230	145	175	145	155	170	175	295	290	(VA)	
16	315	280	5	75	85	15	180	135	195	190	175	220	285	315	235	85	85	210	260	245	30	210	165	50	(VA)	
17	190	55	225	320	205	110	320	330	275	260	250	305	300	270	220	270	170	60	195	195	160	155	195	10	(VA)	
18	5	120	45	90	0	90	60	30	215	185	180	180	185	190	185	180	175	(PF)	(PF)	(PF)	(PF)	(PF)	315	195	9	
19	215	210	100	200	30	70	120	350	300	295	315	250	210	210	205	225	200	180	175	180	210	325	30	20	10	
20	355	255	240	195	190	65	70	35	30	45	30	240	250	205	310	340	310	290	275	280	300	330	125	( )	12	
21	260	245	5	355	15	170	225	45	170	165	190	205	225	220	185	175	160	195	155	170	225	255	210	190	9	
22	205	355	255	280	300	305	275	320	275	265	280	120	80	285	255	160	210	210	170	185	195	130	210	200	10	
23	105	215	25	150	270	290	350	300	210	240	265	260	250	265	250	255	230	220	245	240	270	200	195	185	12	
24	160	60	170	20	75	340	0	340	240	270	255	255	235	230	230	225	215	210	195	190	180	175	250	290	11	
25	290	260	255	225	270	310	330	320	320	20	70	70	55	25	15	0	10	0	330	335	35	235	245	250	(VA)	
26	195	125	320	85	30	235	260	285	75	40	270	285	265	265	280	240	305	330	45	60	105	25	330	255	13	
27	270	265	205	165	300	35	35	35	20	235	260	255	175	165	180	260	305	200	205	15	40	335	0	345	(VA)	
28	5	275	225	210	245	355	210	155	90	210	210	230	20	285	30	75	15	25	10	25	10	15	50	35	2	
29	5	325	230	190	255	15	30	30	30	10	30	40	40	30	40	45	30	25	10	15	25	15	160	65	2	
30	75	300	225	315	330	350	340	305	260	240	195	215	295	170	230	230	230	215	205	85	85	190	150	335	11	
31	265	350	285	325	350	95	255	260	50	10	35	70	175	275	30	50	60	130	300	180	175	140	160	75	(VA)	
PV	9	13	(VA)	(VA)	2	9	(VA)	3	13	13	(VA)	(VA)	12	13	11	(VA)	(VA)	10	10	9	9	9	10	9	(VA)	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JUNE,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	170	95	245	345	330	55	30	60	45	60	175	270	260	235	205	220	200	135	80	50	70	10	240	70	4	
2	340	55	75	55	10	80	90	15	30	225	65	320	350	260	270	340	65	95	90	55	310	0	50	180	(VA)	
3	250	115	50	130	175	105	310	120	200	115	215	285	275	270	265	290	325	355	15	310	270	70	220	85	(VA)	
4	35	30	190	155	170	210	175	175	205	235	255	235	295	260	260	200	295	335	45	55	65	125	220	110	9	
5	130	270	325	240	10	335	5	310	240	200	210	255	290	300	285	290	275	270	215	60	60	110	355	135	14	
6	210	40	205	225	20	345	20	75	40	240	245	205	230	280	300	290	275	265	335	50	85	235	220	180	11	
7	160	335	355	75	160	220	200	275	345	305	330	315	300	315	340	320	340	295	75	135	315	315	200	180	15	
8	175	200	200	260	185	230	350	270	270	300	285	270	250	270	220	210	240	270	355	40	30	30	25	55	13	
9	30	50	50	35	55	40	60	45	60	60	55	55	45	40	25	250	215	180	230	190	200	205	210	215	3	
10	230	190	200	200	145	150	250	240	190	30	45	40	30	70	70	165	235	215	200	235	225	180	190	200	11	
11	205	210	205	325	205	30	300	20	280	265	245	265	250	260	245	245	245	245	245	330	170	190	225	175	12	
12	150	175	180	60	100	40	0	5	85	340	350	310	235	250	330	220	220	240	205	195	165	180	165	155	8	
13	135	5	355	85	25	25	50	65	25	190	245	250	260	260	265	280	295	300	300	305	315	175	175	200	13	
14	235	200	215	295	95	205	140	225	240	285	275	270	265	270	290	270	270	290	290	290	290	265	335	215	(VA)	
15	270	335	330	215	320	335	330	230	230	220	245	250	275	280	275	285	290	300	300	305	205	165	170	235	11	
16	215	195	215	(VA)	325	225	330	225	205	270	260	270	265	300	295	295	300	300	300	315	310	245	330	10	14	
17	35	40	265	260	40	15	40	45	45	15	45	230	215	350	150	245	30	350	40	45	20	30	325	20	3	
18	115	135	15	260	240	240	225	210	265	285	300	280	250	125	130	115	15	175	175	205	275	75	95	105	13	
19	45	55	355	0	55	100	25	330	300	260	190	190	285	295	285	315	315	330	325	340	85	110	85	320	(VA)	
20	175	25	60	155	120	335	265	180	215	215	290	145	125	100	190	250	295	315	295	290	205	70	95	55	14	
21	95	15	85	65	110	270	20	330	285	275	275	300	250	160	175	140	150	130	195	180	85	60	235	210	(VA)	
22	195	215	35	30	10	50	70	40	20	225	240	275	260	235	260	275	260	185	200	130	120	220	190	195	13	
23	185	250	295	280	355	40	0	45	50	55	140	225	235	190	30	175	245	30	40	55	55	50	320	340	3	
24	25	25	330	40	15	20	25	340	250	180	185	180	180	180	180	180	185	180	190	175	165	170	155	155	9	
25	165	165	170	175	180	180	180	175	180	190	215	210	205	190	255	300	300	290	285	275	280	295	315	235	9	
26	80	110	295	300	255	325	30	10	310	280	270	290	275	265	265	315	350	355	310	35	95	80	325	105	(VA)	
27	330	350	100	50	70	70	325	30	20	255	275	270	210	200	220	245	245	210	190	190	190	180	170	140	9	
28	180	240	165	10	350	335	345	200	240	235	265	255	265	215	260	220	220	220	195	185	175	175	240	270	11	
29	265	285	55	80	60	50	25	15	55	70	210	185	190	195	185	200	215	180	185	180	165	180	195	225	9	
30	205	345	0	85	100	80	85	345	175	225	355	160	175	180	185	180	185	200	200	190	180	275	310	300	9	
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	(VA)	
PV	9	3	(VA)	(VA)	1	3	2	(VA)	3	11	(VA)	13	13	13	13	14	14	14	(VA)	3	(VA)	9	(VA)	11	(VA)	

WIND DIRECTION (10M
(DEGREES)

WHITE RIVER SHALE PROJECT.UTAH

SITE A 7

JULY.1975

AEROVIRONMENT INC.

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*                    *
*  PRELIMINARY DATA  *
*  AS OF 16 OCT 75   *
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*                    *
*    Subject To      *
*     Revision       *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	310	340	325	40	25	45	15	240	130	165	190	200	185	125	185	185	195	135	195	200	190	195	275	285	9	
2	315	330	340	35	130	105	65	65	295	250	245	265	205	305	300	285	285	10	65	115	135	105	110	165	14	
3	225	5	305	145	350	160	30	350	200	255	225	275	240	215	265	295	305	260	240	260	330	165	185	85	[VA]	
4	55	255	255	235	110	29	350	270	210	250	255	300	290	300	215	195	190	195	265	260	225	215	210	215	11	
5	220	20	55	150	215	210	220	95	35	30	250	245	235	290	275	325	335	355	40	35	45	50	50	140	3	
6	0	50	195	95	255	31	55	355	50	20	20	5	45	25	75	130	290	35	350	340	15	45	55	70	3	
7	80	200	265	20	40	220	35	25	130	205	175	70	85	55	10	35	30	25	30	35	40	105	75	75	[VA]	
8	35	45	50	50	85	70	35	55	25	20	20	105	200	200	5	80	60	60	55	125	55	185	25	90	3	
9	95	55	110	190	195	240	305	215	280	140	250	335	205	160	175	180	210	255	15	70	25	15	45	40	9	
10	45	45	65	65	65	30	330	265	25	25	20	40	30	20	25	30	50	40	60	50	55	45	50	45	3	
11	25	55	255	225	240	220	345	225	335	30	50	25	25	55	65	65	40	20	20	305	25	35	45	50	3	
12	65	65	80	45	95	115	90	75	45	50	45	35	40	15	315	335	10	40	95	175	170	175	170	195	3	
13	165	150	230	100	200	230	300	155	185	220	220	250	230	295	345	210	185	245	255	260	140	245	165	160	[VA]	
14	165	355	305	0	70	34	305	60	125	265	260	230	310	230	225	240	255	245	280	165	40	200	295	230	11	
15	190	175	180	40	95	60	300	340	205	215	300	325	155	145	130	60	25	210	55	140	355	130	105	75	7	
16	75	165	120	305	30	40	50	350	190	65	20	220	75	60	80	270	345	35	20	140	170	105	325	30	2	
17	120	115	275	20	250	33	25	30	50	280	275	270	265	245	235	230	235	255	250	195	160	215	240	250	12	
18	195	150	235	75	35	330	350	200	225	240	300	275	275	320	280	270	215	250	190	210	190	160	190	210	[VA]	
19	75	275	335	310	320	33	25	60	40	265	250	295	245	255	305	265	325	330	335	355	25	45	340	220	16	
20	195	175	245	310	335	350	300	15	115	245	40	40	90	160	175	260	330	335	335	20	95	150	255	45	16	
21	165	135	170	220	70	34	165	195	200	190	165	235	270	45	200	260	290	170	145	235	200	110	55	35	10	
22	55	310	240	270	145	160	230	270	270	255	250	245	260	305	255	210	310	345	350	20	30	30	15	175	12	
23	110	65	170	240	215	34	330	310	265	275	45	5	280	260	310	310	310	125	215	340	30	35	45	205	[VA]	
24	220	340	335	300	25	32	315	15	245	230	210	100	320	300	290	300	340	5	355	5	25	85	50	145	14	
25	110	320	325	330	40	260	60	65	55	230	195	5	285	305	355	355	290	355	35	20	95	155	225	335	1	
26	225	70	40	75	65	80	50	340	50	215	215	210	80	0	355	25	125	5	125	140	70	75	190	195	4	
27	210	60	135	65	65	30	65	35	55	245	275	300	280	245	190	140	200	140	190	185	175	165	170	180	9	
28	255	210	210	135	70	7	60	65	30	65	255	265	305	100	105	185	185	125	175	190	175	175	190	190	9	
29	190	235	160	170	175	150	315	195	205	185	240	270	315	265	150	110	315	310	335	315	265	45	30	35	9	
30	160	190	235	80	95	8	35	155	165	220	190	250	260	140	110	80	205	255	220	270	105	150	210	235	[VA]	
31	235	265	220	270	225	24	90	95	0	310	355	240	265	305	220	285	335	340	330	325	230	135	170	355	11	
DV	11	3	[VA]	3	4	1	11	4	3	12	12	13	13	[VA]	[VA]	14	[VA]	12	[VA]	[VA]	3	3	3	3	[VA]	

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	0	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
6	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	8.5	15.0	12.5	8.5	6.0	6.5	6.0	3.5	8.5	15.0
13	4.5	6.0	5.0	3.0	3.5	6.5	3.5	4.5	4.5	5.5	6.0	9.0	6.5	7.0	5.5	5.5	6.5	4.0	4.5	5.0	8.5	7.0	8.0	3.0	5.5	9.0
14	3.0	4.0	3.5	2.0	8.5	2.5	.5	3.5	4.5	4.5	5.0	7.0	6.5	7.0	7.5	8.0	6.0	3.0	4.0	6.5	12.5	7.5	6.0	4.0	5.0	12.5
15	6.5	3.5	4.0	3.0	3.0	3.0	3.5	3.0	3.5	5.5	7.5	7.5	6.0	13.5	14.5	11.5	8.5	20.5	11.5	14.5	14.5	15.0	17.5	17.0	9.0	20.5
16	18.5	18.5	7.5	3.0	3.5	3.0	4.0	5.5	9.0	21.5	18.0	20.0	14.0	11.5	8.5	18.5	10.5	20.0	13.5	7.0	9.5	11.0	16.0	10.0	12.0	21.5
17	8.0	5.5	8.0	4.5	3.5	2.5	4.5	3.5	5.5	5.5	6.0	7.5	10.0	8.5	7.0	13.5	9.0	6.0	6.0	7.5	9.0	13.5	15.0	9.5	7.5	15.0
18	3.5	3.5	4.5	3.5	3.5	5.0	9.0	13.0	16.5	19.0	21.5	21.5	21.5	22.5	23.5	24.5	23.0	18.0	22.0	20.5	21.5	22.0	15.0	7.0	15.0	24.5
19	4.0	5.0	5.0	4.5	6.0	5.0	3.5	12.5	17.0	15.5	10.5	9.5	24.0	25.0	25.0	24.5	24.5	24.0	31.5	29.0	30.0	16.0	9.0	6.5	15.5	31.5
20	10.5	14.5	10.5	4.0	5.0	20.5	22.0	19.0	8.5	4.0	11.5	24.0	16.0	24.0	13.5	11.0	8.0	13.0	14.5	16.5	13.5	4.0	5.5	6.0	12.5	24.0
21	3.5	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	12.5	11.5	18.0	15.5	15.0	16.5	15.0	17.0	15.5	14.5	16.0	14.0	7.0	3.5	5.0	12.5	18.0
22	4.5	4.0	3.5	5.0	3.5	2.0	.5	5.0	5.0	4.5	5.5	11.0	11.0	14.0	13.5	9.0	7.0	8.0	11.0	8.0	8.0	7.0	6.5	7.0	7.0	14.0
23	7.0	6.5	8.0	7.5	7.5	7.0	6.0	6.5	7.0	11.5	12.5	11.0	13.5	13.5	12.0	11.0	10.5	10.0	9.0	7.5	5.5	5.0	7.5	9.0	9.0	13.5
24	7.5	10.5	11.5	11.0	10.0	11.0	6.0	9.0	6.5	7.5	10.0	12.0	18.0	17.5	19.5	20.5	21.0	20.0	19.0	17.0	17.0	18.0	16.5	11.5	14.0	21.0
25	5.5	8.0	7.5	6.0	9.0	13.0	17.5	18.5	12.5	7.5	12.5	13.5	13.5	13.5	10.0	9.0	7.5	7.0	8.5	4.5	4.0	6.0	10.0	7.5	9.5	18.5
26	6.5	7.0	8.5	12.5	12.0	8.5	3.5	4.5	9.5	5.5	6.5	7.5	6.5	6.5	6.5	7.5	5.5	5.0	4.5	7.5	6.5	11.5	4.0	8.0	7.0	12.5
27	9.0	14.0	8.0	6.5	7.0	6.0	9.5	7.0	3.5	4.5	5.0	7.5	20.0	13.5	4.5	10.0	18.0	15.0	6.5	8.0	6.0	4.5	5.0	7.5	8.5	20.0
28	12.0	6.0	5.0	4.5	3.5	6.0	3.5	4.5	13.5	6.0	5.0	5.0	7.0	12.0	10.0	9.5	17.0	12.5	16.0	17.0	16.5	6.0	8.5	12.0	9.0	17.0
29	7.5	4.5	3.0	3.0	13.0	21.0	20.5	21.0	20.0	18.0	19.0	17.0	20.5	19.5	20.0	17.5	13.5	13.0	11.5	10.0	10.5	8.5	3.5	1.5	13.0	21.0
30	7.5	6.5	3.5	2.5	2.5	5.0	6.0	5.0	3.5	3.5	4.5	5.0	5.5	5.0	6.5	7.0	4.5	4.0	3.5	6.0	7.0	6.5	8.0	7.5	5.5	8.0
31	7.5	7.0	9.5	5.5	8.0	6.5	.5	3.5	4.0	3.5	3.5	4.5	5.0	8.5	9.5	7.0	6.5	4.5	8.5	8.5	7.5	9.5	5.5	3.5	6.5	9.5
AV	7.0	7.5	6.5	5.0	6.0	7.5	7.5	8.5	8.5	8.5	9.5	11.5	12.5	13.5	12.5	12.5	11.5	12.0	11.5	11.5	11.5	9.5	9.0	7.5	9.5	( )

Moore Business Forms, Inc.

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.0	3.5	6.5	7.0	7.0	5.0	1 .0	15.0	12.5	8.0	4.5	7.0	5.0	5.0	6.0	6.5	6.0	5.5	4.5	6.0	11.5	10.0	7.0	8.0	7.0	15.0
2	4.5	4.5	4.0	3.0	2.5	4.0	.5	5.5	5.5	7.0	6.5	7.5	7.0	5.5	6.5	15.0	10.0	9.5	7.0	13.0	13.5	3.0	7.5	9.5	7.0	15.0
3	6.0	4.0	3.5	8.0	8.0	5.	6.5	4.5	4.5	3.0	4.0	6.5	9.5	17.0	21.5	24.5	12.0	8.5	7.0	13.0	17.0	7.5	9.0	11.5	9.0	24.5
4	8.5	6.0	10.5	10.0	6.5	10.0	.5	7.5	5.0	4.0	5.0	5.0	7.0	6.5	7.5	7.5	5.5	4.0	4.5	7.5	12.5	12.5	5.0	7.5	7.0	12.5
5	4.0	3.0	3.5	2.5	2.0	2.5	7.5	3.5	5.0	4.5	5.0	6.0	7.0	9.0	8.0	6.5	7.0	6.5	3.0	5.0	8.5	4.5	3.0	9.5	5.0	9.5
6	5.5	8.0	9.5	7.5	7.5	5.0	3.5	4.0	4.5	6.0	6.5	5.0	9.5	9.0	7.5	9.5	8.5	7.0	5.0	4.5	9.5	9.0	8.5	8.0	7.0	9.5
7	11.5	10.5	8.5	8.0	9.5	10.5	6.0	6.5	13.5	14.0	12.0	9.5	11.0	14.0	9.0	9.0	17.0	13.0	15.0	16.0	5.5	7.5	5.0	7.5	10.5	17.0
8	7.5	5.0	5.5	4.0	10.5	11.5	4.5	3.0	3.5	4.5	4.0	6.5	9.0	14.0	16.0	14.0	13.0	12.5	14.0	13.0	11.5	9.0	13.0	9.5	9.0	16.0
9	10.0	15.5	15.0	13.0	13.0	13.5	1 .5	15.0	13.0	13.0	13.5	13.5	10.5	17.0	17.5	17.5	15.0	12.0	7.5	5.0	3.0	2.5	5.5	6.0	11.5	17.5
10	6.5	7.5	7.5	4.0	4.5	4.0	3.5	5.0	8.0	8.0	12.0	15.0	15.5	12.5	15.0	8.0	13.0	5.5	6.0	5.0	5.5	7.5	8.5	7.5	8.0	15.5
11	8.0	6.5	7.5	9.5	6.5	7.0	7.0	6.5	5.0	5.5	6.0	7.0	6.5	10.0	10.5	10.5	10.0	8.5	5.5	4.5	13.0	15.5	14.5	11.0	8.5	15.5
12	9.5	11.5	10.5	7.0	6.0	4.5	3.0	3.5	7.5	7.5	8.0	7.0	6.5	11.0	13.0	16.5	13.0	11.0	9.0	8.0	14.0	14.0	11.5	11.5	9.5	16.5
13	10.5	9.0	7.5	5.0	8.0	9.	6.5	2.5	3.5	4.5	7.0	16.5	16.0	16.0	18.0	18.5	22.0	21.5	17.5	11.5	7.5	4.0	6.0	8.5	10.5	22.0
14	11.0	9.5	11.5	17.5	7.0	5.	3.5	6.5	7.5	8.5	12.5	17.5	16.0	17.0	16.5	16.0	19.5	21.5	21.5	17.0	15.5	11.0	5.0	3.5	12.5	21.5
15	4.0	3.5	6.0	8.5	9.0	9.	.5	8.5	8.5	8.0	8.0	11.0	17.0	21.5	21.5	19.0	20.5	21.5	17.5	11.0	6.0	10.0	13.0	9.0	11.5	21.5
16	8.0	6.0	7.0	7.0	6.0	5.	7.0	6.0	7.0	10.5	12.0	14.0	16.5	23.0	27.5	27.0	24.5	23.5	23.0	16.5	8.5	6.0	4.5	10.0	13.0	27.5
17	7.0	12.5	8.0	5.5	12.5	9.	.5	3.0	2.5	4.5	6.0	4.5	5.0	5.0	5.5	5.5	10.5	14.5	13.0	19.0	17.0	18.5	13.5	10.0	9.0	19.0
18	10.5	11.5	13.5	8.5	6.5	8.	6.5	8.5	13.5	16.0	16.0	13.0	5.5	9.0	20.5	20.0	22.5	21.5	22.0	20.0	8.0	8.5	7.5	4.5	12.5	22.5
19	2.5	6.5	4.0	5.0	2.5	7.	17.5	12.0	11.0	13.5	28.0	30.0	18.5	8.5	16.5	16.5	16.5	16.5	18.5	9.0	6.0	7.5	8.5	9.0	12.0	30.0
20	5.5	6.0	3.0	2.0	4.0	3.	.0	4.5	3.5	4.0	10.5	19.5	18.5	13.0	18.0	15.0	17.0	16.0	10.5	5.5	3.0	3.5	2.5	3.5	8.0	19.5
21	3.5	2.0	3.0	3.5	3.0	2.5	3.5	6.0	6.5	6.5	6.5	10.0	10.5	11.5	15.0	13.5	12.0	7.0	5.0	3.0	3.5	3.5	8.5	4.0	6.5	15.0
22	4.0	9.0	9.0	8.0	7.5	2.5	.5	3.0	4.0	5.5	5.0	8.5	7.5	6.0	8.5	9.0	11.5	5.5	6.0	7.0	12.0	13.0	11.0	13.0	7.5	13.0
23	10.0	9.0	9.0	3.0	2.5	4.0	4.0	6.5	7.0	6.5	6.5	5.5	20.0	11.0	6.0	7.0	6.0	6.0	6.5	10.0	12.0	11.0	2.5	2.5	7.5	20.0
24	3.5	3.5	3.5	7.0	4.5	4.5	.0	20.0	20.0	24.0	25.0	30.0	34.0	36.5	38.5	32.5	34.0	34.0	25.0	19.5	13.0	13.5	16.5	17.0	19.5	38.5
25	17.5	16.5	19.0	20.5	22.0	23.0	2 .0	22.0	30.5	30.0	23.5	27.0	24.0	15.5	16.5	23.0	24.5	25.0	24.5	23.5	18.5	11.0	4.0	4.5	20.5	30.5
26	4.5	3.5	9.0	10.5	4.0	2.	.0	4.0	6.5	5.0	5.5	6.5	10.0	7.5	7.5	7.5	8.5	8.5	6.0	4.0	4.0	10.5	10.5	10.5	6.5	10.5
27	9.5	5.5	2.0	3.0	4.0	2.	.5	5.5	5.0	5.0	6.5	10.5	20.5	22.5	22.0	23.5	19.5	21.5	23.0	20.0	12.5	15.5	12.0	11.5	12.0	23.5
28	11.5	10.0	7.0	6.0	2.5	3.	.0	3.0	5.5	5.0	6.5	7.5	8.5	18.5	21.0	18.0	19.0	21.0	20.0	14.5	15.0	16.5	16.5	17.5	11.5	21.0
29	19.0	17.5	3.5	2.5	4.0	4.	3.5	3.5	6.0	6.0	21.0	22.5	23.5	22.0	22.0	22.5	20.5	22.5	21.5	16.5	17.0	17.0	17.5	16.5	14.5	23.5
30	17.0	11.0	3.5	2.0	2.5	2.0	2.5	3.5	5.5	7.0	8.5	15.5	21.0	21.5	22.0	21.0	19.5	18.0	15.5	10.0	10.0	12.5	15.0	15.5	12.0	22.0
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	8.0	8.0	7.5	7.0	6.5	6.5	7.0	7.0	8.0	8.5	10.0	12.0	13.0	14.0	15.5	15.5	15.5	14.5	13.0	11.5	10.5	10.0	9.0	9.5	10.0	( )

WIND SPEED ■ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9.5	10.0	8.5	6.0	5.5	8.0	4.0	5.0	8.0	6.5	6.0	23.0	23.0	23.5	23.5	21.5	18.0	18.0	16.0	11.0	11.0	12.0	14.0	13.5	12.5	23.5
2	14.5	14.0	15.5	7.0	3.5	3.5	7.5	5.0	8.5	8.5	8.5	8.0	9.0	9.0	12.5	13.5	17.0	17.0	17.5	18.5	23.0	17.0	21.5	20.0	12.5	23.0
3	8.5	5.0	10.5	10.5	8.0	10.0	15.5	17.0	13.5	10.0	10.0	9.0	10.0	9.0	14.0	9.0	6.0	5.0	11.0	8.0	6.5	4.5	4.0	8.0	9.5	17.0
4	5.0	3.0	3.0	5.0	4.5	5.5	2.0	4.5	4.0	6.0	8.0	9.0	11.5	11.5	17.0	13.5	9.0	8.0	13.0	9.0	6.0	6.5	4.0	3.0	7.0	17.0
5	3.0	4.0	10.5	14.5	6.5	3.5	5.0	4.5	5.5	7.5	7.0	10.0	12.5	10.0	11.5	16.5	16.0	12.5	5.5	12.0	23.5	17.5	12.0	8.0	10.0	23.5
6	4.5	6.5	11.0	5.0	4.5	3.5	2.5	6.5	7.0	8.5	8.0	7.0	6.0	8.0	8.0	10.5	8.0	9.0	9.5	9.5	6.5	3.5	3.0	5.5	6.5	11.0
7	9.0	8.0	9.5	6.5	5.5	2.0	3.0	3.5	5.0	6.0	6.5	9.5	10.5	11.0	9.0	16.0	14.5	13.0	13.5	9.0	8.0	7.5	11.0	17.5	9.0	17.5
8	19.5	18.5	17.5	16.0	8.5	9.0	8.5	5.5	5.5	5.5	6.5	7.0	8.5	7.5	6.5	17.0	15.0	12.0	14.5	20.5	16.5	17.0	5.0	4.0	11.5	20.5
9	8.5	6.5	9.0	12.0	7.5	6.5	13.0	11.5	10.0	8.5	6.0	8.0	9.5	18.0	18.0	14.5	8.0	5.0	10.0	14.0	15.0	2.0	4.5	7.0	9.5	18.0
10	8.0	4.5	3.5	4.5	13.5	14.0	3.5	5.5	4.5	6.0	8.5	12.5	11.5	12.5	14.5	12.5	9.5	9.0	15.0	12.5	15.5	17.0	9.0	5.5	9.5	17.0
11	7.5	4.5	6.5	3.5	3.0	5.0	4.5	4.0	6.0	9.0	10.0	12.0	11.0	11.0	15.0	12.0	10.5	13.5	9.5	4.0	13.5	16.0	14.0	10.0	9.0	16.0
12	9.0	12.5	11.0	2.5	5.5	10.0	11.0	7.0	6.0	4.0	8.5	12.0	13.5	12.0	11.5	8.0	8.0	8.5	11.0	19.0	16.5	14.5	11.5	9.0	10.0	19.0
13	4.5	7.0	9.0	8.5	13.0	12.0	10.0	13.5	11.5	14.5	14.0	15.5	10.5	11.0	15.0	12.5	12.0	13.5	10.0	10.0	5.0	5.5	5.0	5.5	10.5	15.5
14	5.0	4.5	3.0	2.5	3.5	5.5	3.5	5.5	6.5	7.0	6.5	7.0	6.5	8.0	8.5	11.5	8.0	10.0	19.5	17.5	8.0	10.0	16.5	21.5	8.5	21.5
15	22.5	17.0	3.0	3.0	4.5	7.5	7.0	13.0	11.0	9.0	7.5	10.5	11.0	8.5	6.5	11.5	8.0	3.5	5.0	6.0	8.0	5.0	5.5	5.0	8.5	22.5
16	15.0	14.5	20.0	9.5	4.0	3.0	2.5	2.5	13.0	10.0	10.0	10.5	20.5	16.0	16.5	14.5	14.5	7.5	9.5	16.0	17.0	13.5	5.5	4.0	11.0	20.5
17	3.5	2.5	3.5	3.5	3.0	4.0	3.5	3.0	4.5	5.0	6.5	6.5	9.5	12.5	19.0	19.0	17.5	13.0	8.5	4.5	10.0	13.0	12.5	8.0	8.0	19.0
18	6.0	6.5	6.0	2.0	2.0	6.0	7.0	8.5	8.0	5.5	7.0	9.0	7.0	8.0	10.0	8.0	9.0	5.5	7.0	10.5	13.5	8.0	11.0	11.0	7.5	13.5
19	7.5	8.0	7.0	8.0	6.0	5.5	3.5	3.0	4.0	4.5	5.5	7.5	7.5	8.0	9.5	9.0	9.0	8.5	8.5	8.0	6.0	8.5	10.5	10.0	7.0	10.5
20	6.5	3.5	6.0	7.0	4.0	4.5	4.5	3.0	4.0	5.5	6.0	7.5	5.5	15.0	13.5	9.5	15.5	17.5	12.5	9.5	15.5	16.0	8.5	9.5	9.0	17.5
21	13.5	18.5	8.0	5.0	4.0	5.0	4.5	3.5	5.5	8.5	6.5	6.5	4.5	6.0	10.5	21.0	13.0	16.0	16.5	9.0	5.5	6.0	6.0	5.0	8.5	21.0
22	5.0	7.0	3.5	7.0	6.5	8.0	4.0	5.5	5.0	4.0	5.5	6.0	8.5	8.5	9.0	8.0	9.0	11.5	10.0	8.5	7.5	8.5	6.5	7.5	7.0	11.5
23	3.0	2.5	4.5	3.5	4.0	2.5	2.5	4.0	4.5	6.0	9.5	8.0	9.5	10.0	12.0	8.0	17.0	9.0	5.0	5.5	6.5	7.0	7.5	5.5	6.5	17.0
24	4.0	2.0	6.0	8.0	7.0	6.5	3.0	4.5	4.5	6.0	7.5	7.0	7.5	10.0	8.0	8.0	10.0	11.5	12.5	9.5	7.0	7.5	5.0	7.5	7.0	12.5
25	6.0	8.5	7.5	4.0	3.5	4.0	2.5	3.0	4.5	5.0	5.0	7.0	10.0	11.0	9.5	7.5	12.0	8.5	9.5	6.5	16.5	14.5	8.5	5.0	7.5	16.5
26	4.0	3.5	7.5	5.0	4.0	2.5	3.5	3.5	5.5	6.5	7.0	10.0	11.5	12.0	8.5	11.0	9.0	12.5	10.5	5.0	9.0	10.0	17.5	13.5	8.0	17.5
27	4.0	6.5	3.5	4.0	4.0	2.0	4.0	4.0	5.0	5.5	6.0	6.5	7.5	7.0	16.5	10.0	10.0	9.0	9.5	9.5	13.0	17.0	20.0	22.5	8.5	22.5
28	18.0	12.5	4.5	3.5	4.0	4.5	2.5	4.0	5.0	6.0	8.0	8.5	16.5	12.0	17.0	17.0	19.0	18.5	19.5	10.5	14.0	11.0	9.5	10.5	10.5	19.0
29	15.0	15.0	15.0	15.0	11.5	17.0	14.0	17.0	17.0	14.0	11.5	9.0	13.0	5.0	5.0	8.5	14.5	10.0	6.0	8.0	8.5	9.0	5.0	9.0	11.5	17.0
30	16.5	7.5	5.0	3.5	4.0	7.0	8.0	10.0	11.0	11.0	10.0	7.5	12.5	12.5	7.5	6.0	14.5	18.5	12.0	7.0	9.0	16.0	18.0	19.5	10.5	19.5
31	17.0	15.0	11.5	4.5	3.5	2.5	5.0	6.0	7.0	6.5	8.5	11.0	7.5	6.0	6.5	11.5	11.5	13.0	16.5	7.0	8.0	14.0	7.5	3.0	9.0	17.0
AV	9.0	8.5	8.0	6.5	5.5	6.0	5.5	6.5	7.0	7.5	8.0	9.5	10.5	10.5	12.0	12.0	12.0	11.0	11.5	10.0	11.5	11.0	9.5	9.5	9.0	( )

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A B

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	190	145	300	20	40	130	40	50	5	0	5	300	230	200	205	255	330	350	290	165	115	200	125	35	(VA)	
2	320	100	210	205	195	210	260	315	265	5	35	285	295	295	335	310	345	325	325	100	345	260	210	200	10	
3	195	195	210	205	200	210	355	210	235	340	350	330	260	240	240	255	245	250	250	215	200	205	205	205	10	
4	190	185	185	190	195	195	205	215	220	220	215	220	215	225	220	220	220	220	230	245	335	315	315	305	11	
5	220	220	225	215	185	195	170	215	25	35	0	345	300	215	115	195	240	295	280	300	265	185	210	220	11	
6	225	220	210	220	220	220	315	225	235	250	245	245	240	255	250	240	255	255	260	270	240	230	230	245	12	
7	235	230	230	240	230	230	235	230	235	245	240	230	235	245	255	265	265	260	265	265	280	235	230	195	11	
8	190	185	195	215	200	200	210	225	245	310	275	270	290	280	295	345	315	285	295	325	190	300	95	120	14	
9	195	25	10	245	240	330	55	280	355	25	0	30	205	180	260	300	320	60	75	135	150	65	170	205	(VA)	
10	190	80	200	175	20	20	350	305	325	340	335	305	320	330	340	315	345	5	90	120	115	130	130	45	(VA)	
11	30	125	170	185	230	220	335	325	340	345	350	0	5	320	310	205	260	260	250	225	210	200	265	315	15	
12	300	315	325	320	270	225	240	320	315	325	340	255	215	20	45	95	45	120	135	135	190	100	115	340	15	
13	205	190	185	185	310	19[illegible]	240	235	240	335	75	0	315	340	350	345	0	350	70	135	145	190	170	175	9	
14	340	45	55	240	210	210	220	315	0	15	355	335	335	330	355	320	330	15	155	125	130	175	160	50	16	
15	70	215	195	100	60	30	215	310	350	10	5	10	300	300	235	260	240	205	215	190	200	185	185	185	(VA)	
16	185	185	345	315	160	135	175	260	275	225	220	230	285	5	20	130	125	245	240	225	175	240	215	150	11	
17	175	160	210	285	230	150	190	245	335	5	305	340	325	305	225	295	355	90	245	220	200	190	190	155	9	
18	10	220	180	100	225	200	210	215	245	225	220	225	230	235	230	220	230	110	170	200	185	195	210	260	11	
19	270	225	265	250	220	220	195	220	240	265	355	345	245	240	235	240	235	215	220	220	220	0	85	120	11	
20	300	320	310	285	245	100	115	115	220	335	290	250	275	240	340	10	300	335	320	320	330	60	155	135	(VA)	
21	(VA)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	225	225	240	245	245	230	210	200	195	195	205	240	340	320	140	10	
22	200	130	200	45	55	220	220	275	340	35	295	170	255	330	325	225	225	255	205	205	220	185	205	205	10	
23	200	200	195	195	200	190	200	225	265	255	275	300	315	315	295	305	260	280	295	280	315	260	200	205	10	
24	200	205	205	200	180	195	205	220	225	295	310	275	260	240	240	250	260	245	235	225	210	215	250	350	10	
25	185	275	300	265	325	345	10	15	0	50	90	95	80	65	50	10	345	35	15	30	70	80	310	290	5	
26	215	170	115	115	125	130	120	60	115	60	315	315	310	320	345	335	330	35	60	130	175	195	315	315	15	
27	350	325	0	175	160	55	105	150	295	305	295	285	205	195	190	55	335	275	145	25	45	10	0	20	1	
28	40	20	45	310	280	345	355	250	135	135	220	300	25	105	90	110	45	80	50	35	50	50	65	65	3	
29	15	5	335	280	45	65	60	70	75	75	80	70	70	80	35	65	55	60	65	55	95	105	95	20	4	
30	345	345	215	40	320	200	210	235	245	270	240	280	245	325	290	310	310	295	225	170	165	345	200	195	(VA)	
31	190	210	195	190	195	170	135	280	15	330	205	165	335	340	330	335	20	(VA)	(VA)	195	190	185	215	210	10	
PV	9	11	10	9	10	10	10	11	11	16	1	(VA)	(VA)	12	11	(VA)	16	12	11	11	9	9	10	10	(VA)	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A B

JUNE,1975

AEROVIRONMENT INC.

****
PRELIMINARY DATA
AS OF 15 OCT 75
****
Subject To
Revision
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	210	190	205	200	195	125	105	110	120	115	185	355	295	355	325	45	35	80	40	95	145	160	200	210	10	
2	355	210	215	265	255	40	50	25	30	10	65	340	10	5	265	30	85	95	90	170	105	75	75	160	1	
3	270	210	110	130	195	185	275	325	325	265	275	40	330	290	290	325	355	25	65	335	320	95	170	150	(VA)	
4	25	160	185	195	175	205	210	225	250	300	345	350	335	330	335	335	355	70	85	115	130	135	0	215	16	
5	160	185	175	45	80	135	35	340	330	325	320	120	240	30	15	110	320	30	250	110	180	145	220	260	(VA)	
6	185	200	195	215	190	195	185	230	345	0	335	310	310	315	325	325	340	345	5	105	150	160	210	210	(VA)	
7	200	205	205	45	185	230	330	255	355	350	355	5	350	335	30	345	355	340	115	130	325	30	250	205	1	
8	205	220	215	280	205	200	55	0	290	10	5	340	305	305	255	255	280	280	15	105	110	85	110	115	(VA)	
9	125	105	120	130	140	110	100	105	115	90	80	65	55	20	50	290	260	225	230	205	205	250	205	200	6	
10	200	200	210	220	205	200	230	295	40	25	70	60	80	85	80	90	330	265	240	275	215	205	190	200	10	
11	205	195	190	190	200	195	210	195	225	70	350	270	30	290	275	235	265	245	275	175	200	195	205	210	10	
12	215	200	205	215	205	200	245	5	15	20	10	335	325	300	350	255	255	295	275	230	200	205	210	210	10	
13	6295	200	205	220	200	205	225	335	345	310	290	310	310	310	300	310	320	325	335	335	310	265	230	205	15	
14	210	220	260	325	345	335	190	265	320	325	320	310	300	315	315	330	315	320	325	325	325	325	355	25	15	
15	220	170	185	190	190	200	200	235	280	320	300	315	315	305	315	325	320	325	335	310	260	195	200	205	15	
16	225	220	230	210	245	195	205	260	270	325	330	315	315	320	330	330	335	330	340	345	350	350	0	140	16	
17	125	105	265	30	135	165	220	310	335	310	315	305	305	350	5	60	65	35	95	100	100	90	50	55	15	
18	140	180	290	325	5	330	290	255	315	325	335	330	195	210	180	180	185	205	205	225	15	110	205	210	10	
19	85	115	90	160	215	195	200	315	330	310	225	215	250	310	335	340	0	0	0	5	105	140	125	130	1	
20	95	65	15	290	195	190	355	345	350	230	185	180	175	185	235	290	340	355	325	340	125	160	160	90	9	
21	110	50	40	100	200	235	205	0	25	15	345	320	275	165	215	185	180	195	230	235	195	165	160	185	(VA)	
22	310	195	200	205	205	40	290	330	310	340	300	350	340	260	300	300	230	180	185	170	165	185	205	200	10	
23	200	190	180	340	245	135	10	30	15	60	65	235	290	140	145	225	215	35	80	125	145	140	145	305	7	
24	20	250	35	35	0	345	335	190	195	215	220	225	220	220	230	230	220	225	225	225	195	185	185	185	11	
25	200	205	205	215	215	210	315	220	220	225	250	240	225	230	295	315	335	315	320	315	320	325	40	330	11	
26	275	125	120	115	170	305	60	335	5	305	305	325	30	350	10	5	355	15	10	65	120	195	195	195	1	
27	195	180	315	330	250	65	40	5	20	5	320	315	250	220	255	270	255	245	235	235	210	205	220	205	12	
28	205	200	205	215	185	170	40	325	350	355	330	335	310	245	250	235	255	250	245	220	195	195	195	195	10	
29	195	205	15	60	65	45	160	295	355	345	225	220	225	230	225	240	225	225	220	210	195	195	195	200	11	
30	195	230	25	115	355	320	350	0	10	0	10	200	220	215	225	225	230	235	240	215	190	195	195	195	11	
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	(VA)	
PV	10	10	10	11	10	10	(VA)	(VA)	1	15	16	15	15	15	11	(VA)	(VA)	(VA)	11	11	10	10	10	10	(VA)	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	185	195	205	200	15	35	15	20	15	30	335	215	220	230	230	225	225	235	230	235	200	195	190	190	11	
2	190	185	185	40	45	260	130	20	0	5	0	350	340	340	340	335	325	75	130	145	145	135	195	200	7	
3	270	350	110	175	185	225	200	205	220	235	255	210	235	245	330	330	335	255	260	310	20	170	190	190	9	
4	145	240	210	20	195	200	320	280	270	320	335	345	335	340	235	215	220	235	300	320	275	225	215	10	11	
5	190	30	95	145	185	50	15	355	65	55	20	320	355	350	325	0	5	20	65	70	85	110	120	185	1	
6	25	90	145	185	165	155	85	95	60	55	30	15	310	15	50	35	65	80	45	30	65	80	305	200	(VA)	
7	200	210	200	200	200	5	260	60	350	335	345	20	45	35	70	55	70	55	75	85	135	160	125	120	10	
8	115	130	120	125	135	95	115	115	270	(VA)	10	340	300	305	315	230	65	65	130	145	145	130	255	175	7	
9	355	200	205	205	210	195	195	220	345	270	305	325	330	305	215	210	220	300	325	145	70	315	70	135	10	
10	140	160	215	180	125	125	220	260	315	290	40	50	75	55	65	60	75	110	80	90	80	95	120	210	(VA)	
11	135	185	130	0	100	155	110	340	330	80	80	80	75	70	70	65	85	100	15	180	55	70	105	135	5	
12	105	110	100	175	150	120	115	125	100	30	50	50	70	45	25	20	355	15	180	215	215	215	205	220	(VA)	
13	210	205	200	215	200	200	210	210	230	250	260	260	290	260	280	240	230	295	310	325	215	160	210	220	10	
14	190	110	0	190	160	170	20	20	15	10	35	350	355	340	325	275	290	300	320	195	95	190	180	190	9	
15	190	205	150	40	95	130	200	195	200	225	255	240	165	200	195	75	15	120	160	275	220	255	170	150	10	
16	140	150	135	20	115	70	15	10	215	185	245	245	345	125	195	245	270	40	185	160	150	165	325	355	8	
17	240	180	180	160	345	60	35	330	355	10	0	325	295	215	215	280	280	300	305	230	195	195	195	220	11	
18	315	225	275	45	160	200	220	220	250	295	270	340	345	315	320	250	215	240	225	195	190	240	195	210	11	
19	200	195	210	200	215	205	220	290	265	305	325	335	310	350	0	350	315	355	0	20	75	105	100	180	(VA)	
20	205	210	200	195	220	160	210	245	300	350	20	55	45	220	220	255	345	25	20	50	135	110	240	95	10	
21	125	115	160	120	135	65	25	280	230	225	230	265	275	215	340	285	235	200	150	220	220	180	65	115	11	
22	140	180	40	200	265	175	220	230	315	335	305	325	310	320	345	315	335	10	20	50	60	70	70	195	15	
23	340	35	230	180	115	310	240	250	345	25	350	20	20	350	345	355	345	70	345	25	65	55	80	125	16	
24	165	185	215	195	200	220	230	235	305	0	345	320	345	305	350	10	10	75	60	50	65	105	180	190	(VA)	
25	205	200	200	200	185	205	155	300	335	340	25	25	330	315	310	55	95	30	65	80	120	165	180	90	10	
26	160	115	185	140	90	245	205	345	10	20	0	30	60	50	45	50	25	70	165	205	150	170	190	150	8	
27	260	140	240	10	105	125	60	5	350	330	350	330	0	210	180	220	190	235	240	220	200	195	195	195	(VA)	
28	200	205	270	40	220	95	75	315	350	295	345	330	165	215	235	220	215	215	220	210	210	230	240	200	11	
29	210	210	210	210	205	205	215	225	235	285	245	285	340	290	325	350	345	345	295	250	135	170	330	230	10	
30	215	205	180	240	240	225	170	190	205	280	270	295	175	150	180	225	250	280	305	225	195	190	195	195	9	
31	195	225	295	300	345	250	200	190	5	25	350	325	320	210	355	5	20	0	5	10	160	190	240	90	1	
PV	10	10	10	10	10	10	10	11	1	(VA)	1	(VA)	16	15	(VA)	(VA)	11	4	15	11	4	9	(VA)	10	(VA)	

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4.0	5.0	5.5	6.0	4.5	6.5	8.0	8.5	10.0	13.0	14.0	5.0	3.0	2.5	4.5	3.0	3.0	5.0	14.0
2	5.0	2.5	2.5	2.5	2.0	2.5	4.0	3.0	3.0	4.0	5.0	7.5	10.0	13.5	8.0	8.0	8.5	7.5	3.0	3.0	12.0	12.0	8.5	8.0	6.0	13.5
3	6.0	4.0	3.5	3.0	2.5	2.5	2.5	4.5	5.5	6.5	4.5	7.5	14.0	22.5	20.0	20.5	25.0	22.0	18.5	16.0	14.5	17.5	15.5	8.5	11.0	25.0
4	7.5	7.5	9.0	7.5	5.5	7.0	15.0	16.5	20.0	30.5	26.5	27.0	28.0	30.0	29.0	29.5	29.5	31.0	31.5	22.5	20.0	18.5	15.5	9.5	20.0	31.5
5	4.5	6.0	6.5	7.0	6.5	4.0	3.0	4.5	3.5	3.0	3.5	5.5	8.0	11.0	8.0	4.0	8.5	6.5	5.0	9.5	7.5	7.5	12.0	13.0	6.5	13.0
6	12.5	12.5	11.0	12.0	12.5	15.5	16.0	19.0	17.0	18.5	19.0	21.0	24.0	18.0	20.5	26.5	23.0	21.5	19.0	16.5	14.5	23.0	23.0	28.0	18.5	28.0
7	23.0	25.0	24.0	28.5	25.5	21.5	23.0	20.0	20.5	23.5	23.0	26.5	23.5	23.5	23.5	22.5	24.0	22.5	16.0	16.5	18.5	11.0	13.5	8.0	21.0	28.5
8	3.5	2.5	4.0	3.5	2.5	6.0	3.5	3.5	3.0	7.0	11.5	11.5	10.5	12.5	11.0	5.5	6.5	12.0	6.0	8.0	5.5	10.5	2.5	4.0	6.5	12.5
9	5.0	2.5	3.0	2.0	3.0	2.5	3.5	3.0	4.0	3.5	5.0	5.5	9.5	11.0	4.5	12.0	12.0	7.0	3.5	4.5	4.5	4.5	3.5	3.0	5.0	12.0
10	3.5	4.0	4.0	2.5	2.0	2.0	3.0	2.5	3.5	4.5	3.5	4.5	6.5	10.0	9.0	7.0	4.5	4.0	5.0	6.0	4.0	4.0	5.0	2.5	4.5	10.0
11	7.0	6.0	4.0	4.0	2.5	3.5	2.5	2.5	4.0	3.5	3.5	5.0	6.0	6.0	8.0	10.0	20.5	19.0	15.0	17.0	14.0	14.5	17.5	39.0	10.0	39.0
12	27.5	25.0	25.0	28.5	19.5	10.0	10.0	11.5	14.0	8.0	8.0	8.5	11.5	9.0	12.0	11.0	6.5	12.5	10.0	5.5	3.0	2.5	3.5	4.0	12.0	28.5
13	3.5	2.5	3.0	4.0	4.0	2.5	1.5	4.0	4.5	4.5	7.5	6.0	7.0	8.0	5.5	6.0	6.0	3.5	7.0	5.0	5.5	2.5	3.5	4.0	4.5	8.0
14	4.0	5.0	2.5	3.0	2.5	2.5	3.0	4.0	6.0	4.5	5.0	3.5	6.5	5.0	6.0	6.5	5.0	5.5	6.5	5.0	4.5	7.5	8.5	5.0	5.0	8.5
15	5.0	2.5	2.5	3.0	2.5	2.5	2.5	3.0	4.5	7.5	9.0	4.0	5.5	9.0	6.0	6.5	6.5	13.0	6.5	11.0	13.5	9.5	7.5	10.0	6.5	13.5
16	6.5	7.5	8.5	9.5	4.0	4.5	3.5	3.0	3.5	13.5	14.5	9.5	9.5	8.5	5.0	19.5	18.0	24.5	14.0	5.0	5.0	12.5	14.0	6.5	9.5	24.5
17	6.0	3.5	4.0	5.0	6.0	4.0	5.0	5.5	3.0	4.5	5.5	6.5	8.5	6.0	6.5	9.5	5.0	3.0	5.5	7.0	10.0	11.0	9.5	6.5	6.0	11.0
18	4.0	5.5	2.5	5.0	4.5	7.5	13.0	9.0	16.0	18.5	14.0	14.0	20.0	23.0	22.5	22.5	20.5	19.5	14.0	12.0	10.0	12.0	10.0	12.5	13.0	23.0
19	8.0	8.5	10.0	10.5	13.0	13.0	3.5	4.5	9.5	5.0	3.5	18.0	29.5	26.0	29.0	27.5	22.5	28.0	20.5	22.5	27.5	7.5	8.5	7.0	15.0	29.5
20	13.5	15.5	11.0	6.0	5.5	8.5	14.0	11.0	5.0	6.0	11.5	14.0	15.5	18.0	11.5	6.5	4.5	13.0	16.0	14.5	9.0	4.5	3.5	3.0	10.0	18.0
21	5.0	4.5	10.5	8.0	12.5	14.5	4.5	8.0	14.0	17.5	19.0	20.0	18.0	15.5	17.0	18.5	16.0	15.0	14.0	10.0	8.0	7.0	5.0	4.0	12.0	20.0
22	2.5	4.0	2.5	3.5	2.5	4.5	3.0	3.0	4.5	5.5	4.5	8.0	8.0	9.0	7.0	6.5	4.5	8.0	10.5	10.5	8.5	3.0	6.0	5.5	5.5	10.5
23	3.5	3.5	2.5	2.5	2.5	2.0	3.5	2.5	7.5	12.5	12.0	13.0	12.0	11.5	9.0	10.0	10.5	10.5	11.0	7.5	8.5	5.0	6.5	6.0	7.5	13.0
24	6.5	7.0	8.5	6.5	6.5	6.5	3.0	2.5	5.0	3.5	8.5	13.0	20.0	22.0	21.0	20.5	19.0	20.5	24.5	24.0	17.5	12.5	16.0	7.0	12.5	24.5
25	4.5	9.5	21.0	20.5	25.5	17.[illegible]	8.0	9.5	6.5	7.5	8.5	15.0	17.0	12.0	8.0	5.5	8.5	5.0	2.5	3.5	5.0	4.5	14.0	10.5	10.5	25.5
26	6.5	6.0	3.0	5.5	4.0	3.[illegible]	1.5	2.5	4.0	7.0	5.5	5.0	6.0	6.5	4.5	7.0	5.0	5.5	3.0	4.0	3.0	7.0	6.5	7.5	5.0	7.5
27	10.0	13.5	7.5	5.0	4.0	5.0	6.0	4.0	2.5	4.5	3.5	10.0	18.5	10.5	7.5	9.5	20.5	11.0	9.5	4.0	5.0	3.0	3.0	7.0	7.5	20.5
28	10.0	7.0	4.0	6.5	5.0	5.0	4.5	4.0	7.0	4.5	5.5	5.0	5.5	15.5	11.5	15.0	23.0	21.5	20.5	20.0	15.0	12.5	6.0	7.0	10.0	23.0
29	9.5	5.5	6.5	2.5	4.0	13.0	19.0	16.0	16.0	13.5	17.5	21.5	22.5	26.0	22.0	21.5	18.0	15.0	14.5	9.5	7.5	4.5	2.5	2.5	13.0	26.0
30	3.5	3.5	3.0	2.5	2.5	2.0	3.0	2.5	4.0	2.5	3.5	4.0	4.5	5.5	4.5	4.0	5.0	3.0	3.5	2.5	4.0	4.5	6.0	5.5	3.5	6.0
31	9.5	5.5	8.0	4.5	6.5	5.0	2.5	3.5	6.0	6.0	6.5	5.0	6.5	6.5	8.0	10.5	8.5	4.0	14.0	11.0	7.5	4.5	4.0	5.5	6.5	14.0
AV	7.5	7.0	7.0	7.0	6.5	6.5	8.0	6.5	7.5	8.5	9.0	10.5	13.0	13.5	12.0	13.0	13.0	13.0	11.5	10.0	9.5	8.5	8.5	8.0	9.5	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.0	4.5	3.5	4.0	2.5	3.0	3.0	7.0	9.0	7.0	3.5	4.0	5.0	5.5	5.0	5.0	6.0	7.0	7.5	6.0	5.0	5.5	7.0	7.5	5.5	9.0
2	3.5	4.5	2.5	2.0	2.5	3.0	3.5	4.0	5.5	5.5	5.5	4.5	7.0	6.0	7.0	10.0	9.0	8.0	3.5	8.0	5.5	3.5	5.0	5.0	5.0	10.0
3	5.0	3.5	3.0	4.0	6.0	4.0	3.5	2.5	4.5	2.5	4.0	4.5	9.0	14.5	23.5	22.5	8.5	5.0	9.0	19.0	12.5	7.0	6.0	6.0	8.0	23.5
4	4.0	4.0	7.0	3.5	3.5	8.0	2.5	7.0	4.0	3.0	2.5	3.5	5.0	5.0	4.5	4.0	4.0	6.0	5.5	5.5	4.5	3.5	7.0	4.0	5.0	8.5
53	3.0	3.5	4.0	3.0	3.0	2.5	3.5	3.5	3.5	3.5	3.5	4.5	5.0	5.5	6.5	4.5	3.5	4.5	4.5	2.5	3.0	3.0	5.5	5.5	4.0	6.5
6	3.0	3.0	5.5	2.5	3.0	3.0	3.5	3.5	5.5	3.5	4.0	5.5	8.5	7.0	6.5	6.5	5.0	5.5	3.0	3.5	5.0	4.0	6.5	7.0	4.5	8.5
7	7.5	4.5	6.0	6.5	6.5	7.5	[illegible]	4.5	7.5	12.5	8.5	7.0	9.5	11.5	7.0	6.0	14.0	12.0	8.5	8.5	3.5	12.0	8.0	3.0	8.0	14.0
8	5.0	4.5	5.5	2.5	10.5	8.5	5.0	2.5	2.5	5.0	2.5	5.5	9.5	14.5	15.0	18.0	14.5	13.0	13.5	8.0	12.0	6.0	5.5	3.0	8.0	19.0
9	2.5	8.5	9.5	5.0	6.0	5.0	8.5	9.5	10.5	10.5	13.0	11.5	8.5	16.5	19.5	21.5	13.5	8.5	8.5	6.0	3.5	4.5	7.0	5.5	9.5	21.5
10	4.0	3.5	5.5	7.0	4.5	5.0	3.5	3.5	3.5	6.0	10.5	15.0	16.0	12.5	10.0	11.5	8.0	7.5	6.5	9.0	10.0	10.5	5.5	5.0	7.5	16.0
11	5.5	6.0	6.0	3.5	4.5	2.5	2.5	3.5	6.0	5.0	4.0	5.0	5.0	8.0	9.5	10.5	8.5	8.0	5.5	6.0	12.5	14.0	14.0	12.5	7.0	14.0
12	10.5	8.0	5.5	4.5	3.0	4.0	4.0	3.5	6.5	8.0	8.5	6.0	7.0	9.0	5.0	18.0	17.5	11.0	10.0	13.5	14.5	14.5	12.0	10.0	9.0	18.0
13	5.5	3.5	3.5	3.5	3.0	4.0	3.0	4.0	4.5	3.5	5.0	10.0	13.0	17.0	17.5	17.0	21.0	17.0	14.0	14.0	6.0	5.0	8.0	7.5	9.0	21.0
14	10.0	9.0	17.0	21.0	12.5	4.0	5.0	7.0	7.5	7.0	13.5	16.0	17.0	18.5	16.5	20.0	18.0	19.0	24.0	19.5	20.5	17.0	8.0	3.5	14.0	24.0
15	3.5	2.5	2.5	3.0	2.5	3.0	2.5	2.5	4.0	4.0	8.0	11.0	13.5	20.5	20.5	19.5	20.0	18.0	14.0	9.5	6.5	10.0	10.0	7.5	9.0	20.5
16	7.5	3.0	5.5	5.0	3.5	4.5	5.0	5.0	8.0	10.0	10.5	12.0	10.5	20.5	26.5	22.0	22.0	20.0	14.5	9.5	5.5	3.0	2.5	3.5	10.0	26.5
17	4.0	7.0	6.0	8.5	4.0	6.0	4.0	4.0	2.5	6.0	7.5	6.5	4.5	4.0	5.0	10.0	7.5	11.5	14.0	15.0	15.0	23.5	13.5	7.0	8.0	23.5
18	9.0	5.0	6.5	13.5	9.5	10.5	0.0	12.5	13.5	16.0	12.5	12.0	3.0	3.0	4.0	3.5	3.0	3.5	5.0	4.0	8.5	4.5	8.0	6.5	8.0	15.0
19	3.5	2.5	4.5	3.0	3.5	3.0	[illegible]	4.0	8.5	4.5	8.0	7.0	7.0	8.5	15.0	12.0	6.5	8.0	9.0	4.5	4.0	4.0	3.0	2.5	6.0	15.0
20	2.5	2.0	4.0	3.0	3.0	2.5	.5	4.5	3.5	4.0	5.5	11.0	9.5	6.0	22.5	17.0	12.5	7.0	7.0	3.5	2.5	3.0	2.5	4.0	6.0	22.5
21	3.0	3.0	3.5	3.0	2.5	3.0	3.5	3.5	5.5	4.5	4.5	7.0	7.0	5.5	12.5	10.5	6.5	4.0	4.0	3.5	3.0	2.5	3.5	4.5	4.5	12.5
22	2.5	4.0	2.5	4.0	4.5	4.5	3.0	4.0	5.5	4.5	5.5	5.5	9.0	7.0	9.5	7.5	5.5	6.0	5.0	5.0	3.5	8.5	12.5	10.5	6.0	12.5
23	6.5	2.5	2.5	3.5	2.5	3.0	4.0	5.0	5.5	7.5	5.0	4.5	17.5	8.5	6.5	7.0	3.5	3.5	6.0	5.5	4.0	3.0	3.0	3.0	5.0	17.5
24	2.5	3.5	3.5	2.5	.5	3.0	2.5	3.5	11.0	18.5	22.5	26.5	30.5	33.0	24.5	27.5	27.5	26.5	22.0	15.5	7.0	6.5	4.0	3.0	13.5	33.0
25	3.5	5.0	13.0	16.5	17.0	15.5	16.5	19.0	25.5	26.0	28.5	27.5	18.5	7.5	17.5	17.0	23.0	28.5	29.5	22.5	20.0	13.5	9.5	6.0	18.0	29.5
26	3.0	2.5	2.5	3.5	2.5	3.5	3.0	3.0	3.0	5.0	6.5	6.5	7.0	6.5	7.5	6.0	5.0	5.5	5.0	3.5	4.0	6.0	6.5	5.5	4.5	7.5
27	2.5	2.0	2.5	4.0	3.5	4.0	4.0	4.0	5.0	4.5	4.5	6.5	26.0	27.5	22.5	28.0	20.5	22.5	21.5	20.0	12.5	15.5	16.5	7.5	12.0	28.0
28	7.0	6.0	4.0	5.5	3.5	4.0	4.0	2.0	4.5	3.0	5.5	5.5	8.5	9.0	13.5	20.0	18.0	18.5	20.5	12.0	12.5	13.0	12.0	11.5	9.5	20.5
29	14.0	10.5	4.5	4.5	3.0	2.5	.5	3.5	4.0	6.0	10.5	18.0	16.0	19.5	22.0	22.5	19.5	19.0	21.5	11.5	12.0	12.0	14.5	12.5	12.0	22.5
30	12.5	7.5	3.0	2.5	3.5	3.0	.5	3.0	3.0	7.0	5.5	8.0	19.5	20.0	18.0	18.5	18.5	20.0	13.5	8.5	10.0	13.0	12.0	11.5	10.0	20.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5.5	4.5	5.0	5.5	4.5	4.5	.5	5.0	6.5	7.0	8.0	9.5	11.0	12.0	13.5	14.0	12.5	12.0	11.0	9.5	8.5	8.5	8.0	6.5	8.0	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.5	2.5	3.5	3.5	2.5	3.5	3.0	3.5	3.0	6.0	6.0	12.5	22.5	22.5	21.0	18.5	18.0	16.5	17.5	15.0	12.5	13.0	11.5	4.0	10.5	22.5
2	4.5	5.5	3.0	3.5	4.0	6.5	3.5	3.5	5.5	5.0	5.0	5.5	6.0	8.0	9.0	9.0	12.0	10.5	13.0	7.0	10.0	11.0	11.5	10.0	7.0	13.0
3	8.0	5.0	3.5	4.0	5.0	8.0	12.0	15.0	12.0	11.5	10.0	6.0	7.0	12.0	11.0	6.0	5.5	4.5	8.0	5.5	5.5	3.0	2.5	2.5	7.0	15.0
4	3.5	4.0	4.0	3.5	4.0	2.5	2.0	2.5	3.5	4.0	7.0	7.5	8.0	8.5	14.0	8.0	5.5	9.0	13.5	9.5	11.5	10.5	6.5	4.0	6.5	14.0
5	4.5	4.0	13.0	6.0	7.0	5.0	3.5	4.0	5.5	5.0	5.5	8.0	10.0	11.5	9.5	10.0	10.0	9.5	4.0	11.0	28.0	20.0	13.5	5.5	9.0	28.0
6	3.0	3.5	3.0	2.5	3.5	4.0	3.5	3.0	5.0	7.5	7.0	6.5	6.0	7.5	9.0	5.5	4.0	8.0	7.5	5.5	3.5	4.0	6.0	7.0	5.0	9.0
7	9.0	8.5	6.0	3.0	2.5	2.5	2.0	5.0	3.0	4.5	4.0	8.0	6.5	7.5	11.0	13.0	18.5	11.5	12.0	12.0	6.0	5.0	3.5	11.0	7.5	18.5
8	14.0	13.0	15.0	11.0	5.5	10.0	8.5	7.0	6.0	6.5	6.0	4.5	6.5	8.0	6.0	13.0	15.0	10.5	7.5	7.0	7.5	6.0	6.5	3.5	8.5	15.0
9	4.0	5.5	12.0	10.5	8.0	5.0	9.0	13.0	12.0	6.5	8.0	8.0	6.5	17.0	15.0	10.0	6.0	6.0	12.0	13.5	4.5	2.5	6.5	6.0	8.5	17.0
10	6.0	5.0	3.0	3.0	4.5	2.5	3.0	3.5	3.0	6.0	5.5	8.0	10.0	12.0	11.5	12.0	11.5	7.0	14.0	7.5	4.5	8.5	6.5	4.0	7.0	14.0
11	8.5	4.5	3.0	5.0	5.5	3.0	2.5	4.0	4.5	9.5	8.0	11.0	11.0	12.0	12.5	12.5	11.5	14.0	9.5	6.0	11.0	14.5	7.0	4.5	8.0	14.5
12	8.0	4.0	2.5	2.0	2.5	2.5	6.0	8.0	7.0	6.0	7.0	7.0	10.0	10.5	8.0	7.5	7.5	8.0	7.0	18.0	13.5	13.0	9.5	10.5	7.5	18.0
13	6.5	9.5	10.0	12.5	12.0	10.5	11.0	10.5	13.0	13.0	10.5	15.0	3.0	9.0	12.5	10.0	12.0	13.5	13.5	10.5	5.0	5.5	6.0	3.5	10.0	15.0
14	6.0	4.0	2.5	3.0	2.5	3.0	2.5	2.5	2.5	4.0	6.0	4.0	6.0	7.0	7.5	13.0	8.5	9.0	20.0	10.5	4.0	5.0	6.0	12.0	6.5	20.0
15	11.5	10.0	4.0	2.5	8.0	5.0	2.5	4.0	7.5	9.5	6.5	8.5	6.0	7.5	8.5	6.5	4.5	3.0	3.5	4.0	5.5	4.0	4.0	3.0	6.0	11.5
16	12.0	9.5	7.0	5.0	4.5	3.0	4.0	5.0	12.5	9.0	6.0	8.5	8.0	12.5	11.0	13.5	9.5	6.0	6.5	9.0	10.5	8.5	3.5	4.0	8.0	13.5
17	3.5	2.5	3.5	3.0	3.0	2.5	2.5	3.5	4.0	4.0	4.0	5.0	7.5	21.0	22.5	20.5	16.5	9.0	8.5	6.5	8.5	10.5	10.0	7.5	8.0	22.5
18	8.5	11.5	5.0	4.0	4.0	4.0	4.5	6.0	7.5	5.0	5.0	5.5	6.0	5.5	6.5	9.5	6.5	5.0	4.0	5.0	8.5	10.5	12.5	8.5	6.5	12.5
19	3.5	2.5	5.5	4.5	2.0	2.0	2.5	4.0	4.5	4.0	4.5	6.0	6.0	5.5	7.0	8.5	6.5	4.0	5.0	5.0	4.0	5.0	3.0	7.5	4.5	8.5
20	5.5	2.5	4.5	5.0	2.5	3.0	3.0	2.5	2.5	4.0	8.0	5.5	5.0	14.0	12.5	9.0	8.5	7.5	7.5	5.0	7.0	10.0	5.5	5.5	6.0	14.0
21	6.0	7.0	3.0	3.0	2.5	2.5	5.5	5.0	7.0	10.0	11.0	5.0	5.0	4.0	9.0	26.5	11.5	14.5	9.0	6.5	7.5	5.0	3.5	3.0	7.0	26.5
22	3.0	3.5	4.0	6.0	6.5	5.5	3.0	5.5	3.5	3.0	3.5	5.0	6.5	6.0	6.0	6.5	5.0	8.5	8.0	5.5	7.5	7.5	4.0	5.5	5.5	8.5
23	7.5	4.0	5.0	4.0	4.5	3.0	3.0	2.0	2.5	3.5	7.0	4.0	7.0	7.0	7.5	7.5	14.5	12.5	11.5	3.5	4.0	5.0	6.5	2.5	6.0	14.5
24	3.0	5.0	4.0	3.0	3.0	2.5	2.5	3.0	3.0	3.5	5.0	5.0	5.5	7.0	7.5	9.0	8.0	8.5	9.5	6.5	6.0	2.5	4.0	6.0	5.0	9.5
25	5.5	5.0	3.0	4.5	2.5	2.5	2.5	2.5	4.5	3.5	6.0	6.0	7.5	10.0	8.0	7.5	11.5	14.5	8.5	6.5	10.0	8.5	9.5	5.0	6.5	14.5
26	5.5	2.5	5.0	3.0	3.0	2.0	2.5	3.5	4.5	4.0	5.0	6.0	6.0	8.0	8.0	8.5	8.0	11.0	9.5	3.0	4.0	4.5	9.5	6.5	5.5	11.0
27	3.0	3.0	3.5	2.5	3.5	2.5	3.0	5.5	3.5	4.5	4.5	5.5	5.0	8.0	7.5	10.5	13.5	8.0	8.5	10.5	11.5	12.5	10.0	8.0	6.5	13.5
28	8.5	4.5	2.5	4.0	4.0	2.5	5.5	5.0	5.0	4.5	5.5	6.5	12.5	17.5	15.5	15.0	13.0	16.0	15.0	16.0	15.0	11.5	9.5	12.5	9.5	17.5
29	12.5	13.0	13.0	14.0	8.0	5.5	7.0	12.5	16.0	14.0	11.0	7.0	6.5	5.5	8.0	3.0	15.0	12.5	12.0	4.5	4.0	3.0	3.0	5.0	9.0	16.0
30	5.0	4.0	7.0	4.0	3.0	6.5	5.5	3.0	7.0	( )	4.5	4.0	7.5	8.5	7.5	5.5	16.0	16.5	8.5	8.5	8.5	9.0	11.5	13.0	7.5	16.5
31	10.5	13.5	8.5	7.5	4.0	5.5	6.5	4.0	3.5	5.0	8.5	10.0	6.0	4.5	6.5	9.5	6.5	6.0	14.0	4.5	6.5	7.0	4.0	2.5	7.0	14.0
AV	6.5	6.0	5.5	5.0	4.5	4.0	4.5	5.0	6.0	6.0	6.5	7.0	7.5	10.0	10.0	10.5	10.5	9.5	10.0	8.0	8.0	8.0	7.0	6.0	7.0	( )

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	250	120	(VA)	240	155	140	235	65	50	40	45	270	245	45	215	265	245	245	245	0	310	245	305	250	12	
2	230	100	165	125	175	300	10	55	355	45	110	250	240	240	305	260	255	275	315	255	265	265	225	225	12	
3	225	220	240	170	235	255	355	60	50	20	250	270	240	245	240	240	245	245	240	235	230	240	245	245	12	
4	240	235	230	240	220	235	220	230	230	230	235	235	215	225	225	225	230	235	230	245	255	260	260	255	11	
5	200	215	205	220	215	210	275	230	330	355	5	315	210	190	90	215	245	245	240	240	240	245	245	250	12	
6	250	250	260	250	230	225	235	245	245	250	255	255	230	230	240	235	230	230	235	240	230	235	235	235	11	
7	225	230	235	235	240	240	240	255	245	250	245	245	225	220	230	235	235	235	240	235	240	230	235	245	11	
8	25	230	240	275	330	190	260	220	330	265	270	275	235	240	255	235	250	250	245	65	165	0	25	240	12	
9	225	200	30	270	0	0	50	320	275	175	20	355	180	120	275	210	295	55	25	105	235	180	225	280	13	
10	320	40	225	225	305	165	80	15	240	240	60	250	235	240	310	235	305	240	40	75	40	60	110	40	12	
11	180	0	235	245	320	325	120	35	50	350	320	340	255	220	255	240	240	245	245	245	245	245	255	270	12	
12	255	265	265	265	255	235	250	265	265	310	50	55	45	35	30	35	40	45	50	100	90	75	300	235	3	
13	210	195	310	230	210	265	430	60	55	55	65	60	40	20	55	35	25	50	50	90	130	165	280	335	3	
14	265	210	235	240	135	345	60	65	65	70	80	45	255	25	0	345	25	335	95	130	160	260	245	280	4	
15	220	285	215	110	355	330	45	95	65	75	60	70	350	340	55	270	245	225	200	225	220	230	245	225	11	
16	220	240	230	200	215	285	20	15	230	245	235	245	230	240	330	65	90	230	240	175	295	215	240	60	11	
17	210	40	245	225	210	240	245	260	325	300	265	270	260	275	205	230	280	275	220	225	220	220	215	210	(VA)	
18	205	165	50	205	200	225	225	225	230	225	225	235	225	230	230	220	230	120	110	150	200	240	265	255	11	
19	215	215	230	215	215	215	250	265	260	335	320	260	225	230	225	240	230	230	220	225	250	20	70	75	11	
20	285	250	240	230	340	60	45	35	15	65	5	265	285	250	15	310	350	260	265	270	220	130	110	70	13	
21	85	25	60	45	125	215	15	305	220	230	240	245	235	230	235	235	235	240	230	220	315	255	225	215	11	
22	195	220	275	250	230	210	135	15	255	250	230	135	10	230	50	220	220	205	230	225	215	230	250	250	11	
23	265	170	10	270	245	15	25	330	245	260	260	265	250	260	265	260	260	260	255	260	270	250	260	265	13	
24	230	225	220	225	230	240	320	125	55	5	265	250	235	240	230	245	250	245	245	255	240	245	265	245	12	
25	5	265	250	255	255	285	25	10	65	90	65	70	45	35	25	355	45	350	45	45	45	255	270	265	3	
26	215	185	270	50	130	225	295	255	25	80	310	305	240	285	315	70	35	40	55	85	245	235	255	270	(VA)	
27	2[illegible]5	255	20	190	180	55	65	60	315	305	355	270	215	225	245	325	245	260	165	50	45	350	290	350	(VA)	
28	35	30	275	230	235	250	245	240	15	165	240	310	5	55	55	45	40	35	45	50	45	60	60	55	3	
29	45	20	35	125	285	50	50	60	55	55	60	70	40	40	30	35	35	35	30	35	55	25	245	265	3	
30	135	260	230	50	190	280	5	10	245	295	270	335	230	220	10	185	205	335	255	140	190	290	225	245	11	
31	220	175	225	175	230	35	220	70	65	65	60	160	265	295	10	60	15	40	245	240	290	310	240	240	4	
PV	11	11	11	11	11	11	(VA)	4	(VA)	12	4	13	11	11	11	11	12	12	12	(VA)	(VA)	12	12	12	(VA)	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	325	260	245	255	185	2	65	65	60	60	150	345	50	80	230	110	45	35	50	80	125	225	240	235	(VA)	
2	235	255	355	250	180	50	25	50	5	190	70	340	60	80	75	335	70	105	350	95	10	350	110	250	1	
3	235	295	165	165	240	210	270	310	235	335	20	50	290	260	265	265	345	0	300	295	250	135	185	170	(VA)	
4	110	25	205	295	230	210	225	245	295	265	255	265	330	225	280	280	175	40	50	70	60	185	245	265	13	
5	5	265	170	55	235	330	0	135	215	250	350	235	285	235	235	205	50	255	260	195	150	170	245	245	11	
6	255	5	230	290	65	220	35	75	55	130	215	245	255	260	190	330	315	325	295	25	165	250	270	245	12	
7	225	315	300	5	160	290	145	250	335	265	270	290	250	280	20	310	305	295	115	95	285	250	245	215	14	
8	230	235	225	15	230	225	10	265	295	40	250	240	260	255	220	240	240	235	245	350	50	45	35	45	11	
9	95	65	60	55	80	50	40	50	45	45	50	45	40	35	335	245	225	235	240	240	250	230	240	235	3	
10	315	195	240	220	215	225	240	290	25	40	40	40	55	45	50	135	310	225	225	220	235	230	230	240	11	
11	240	250	235	240	255	225	315	50	55	115	265	200	225	250	215	250	255	255	250	225	235	235	245	245	12	
12	235	240	255	255	315	245	25	55	50	50	55	50	250	260	345	220	245	255	245	250	245	245	245	240	12	
13	230	280	255	345	245	260	30	70	60	70	260	270	260	265	245	260	260	260	245	265	255	250	235	240	13	
14	230	225	250	260	255	250	230	255	250	250	245	255	240	250	255	255	255	255	260	260	260	265	260	330	12	
15	255	335	10	330	315	350	210	65	260	250	245	245	250	260	260	260	255	260	255	255	240	230	240	245	12	
16	230	335	245	280	40	205	260	250	255	265	270	265	270	260	260	260	260	255	245	250	275	295	225	120	13	
17	290	45	230	60	355	65	345	240	245	270	270	270	225	15	45	50	105	40	55	40	45	60	65	75	3	
18	85	155	235	250	250	245	240	240	250	255	245	245	325	60	40	30	280	195	225	260	235	280	290	255	12	
19	325	10	40	355	280	195	215	265	240	220	290	260	255	255	235	250	285	315	330	0	90	75	140	80	12	
20	225	10	310	315	320	355	250	285	340	325	110	135	145	165	245	255	260	275	245	260	235	65	175	335	(VA)	
21	155	275	130	145	185	240	65	95	105	150	340	260	240	160	220	200	125	85	25	90	100	215	315	340	5	
22	335	250	235	245	255	250	235	35	50	45	130	270	235	250	235	170	280	170	260	95	165	200	240	235	12	
23	230	255	135	150	70	5	35	40	45	40	75	310	180	150	70	50	305	5	60	40	85	250	235	295	3	
24	155	240	230	250	255	0	90	180	225	225	230	225	240	230	220	225	230	245	240	240	245	245	240	165	12	
25	230	240	235	230	220	220	230	220	230	235	255	260	230	215	245	245	255	255	260	255	260	255	260	250	11	
26	235	175	285	275	240	345	60	95	235	230	255	285	35	90	70	95	145	30	20	50	95	200	305	240	5	
27	265	65	325	325	330	35	55	55	50	60	70	305	230	225	230	240	240	230	235	230	235	230	235	230	11	
28	235	240	200	225	0	65	15	290	250	250	240	255	275	255	240	235	240	250	240	230	230	245	250	250	12	
29	245	240	125	155	285	65	40	30	15	25	170	195	220	225	230	230	220	230	235	230	240	245	235	250	11	
30	250	240	70	150	30	25	5	25	355	55	45	170	220	220	215	230	240	245	235	235	230	235	235	240	11	
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	(VA)	
PV	11	12	11	12	12	12	(VA)	3	3	3	12	13	12	(VA)	11	12	12	12	12	(VA)	(VA)	12	12	12	(VA)	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	200	230	0	245	300	230	40	45	55	45	50	300	225	230	230	235	235	235	250	245	240	230	245	220	11	
2	205	180	290	305	245	185	330	290	245	40	20	40	305	235	315	260	250	170	110	90	140	110	185	225	9	
3	220	140	75	200	195	210	220	215	225	220	220	255	215	250	250	125	110	320	250	315	215	190	290	265	11	
4	325	245	30	160	240	60	120	285	285	250	260	250	230	230	210	205	225	230	250	250	245	240	245	210	12	
5	240	345	35	165	245	235	345	345	35	40	200	250	240	240	245	315	20	20	330	295	40	45	50	145	(VA)	
6	10	75	20	15	195	270	105	10	50	45	55	90	35	55	100	305	45	35	330	335	270	245	240	225	3	
7	210	210	185	210	20	10	140	30	320	250	215	45	145	40	80	55	45	45	40	40	350	120	90	95	3	
8	65	65	60	45	40	45	45	45	50	55	75	115	325	140	70	135	70	60	65	145	70	125	265	295	4	
9	140	225	230	225	230	235	225	235	230	190	145	50	355	225	225	230	235	260	310	45	120	325	50	65	11	
10	45	45	330	310	95	135	260	235	315	55	0	50	35	30	30	30	30	40	40	45	335	40	55	50	3	
11	65	80	155	230	235	270	245	250	185	55	60	45	55	50	75	65	70	50	240	335	50	55	45	40	3	
12	60	110	60	125	195	325	60	45	45	55	50	50	35	45	80	270	40	45	0	220	220	230	230	240	3	
13	230	225	220	220	220	220	220	215	225	235	235	255	35	280	245	230	220	245	245	250	225	260	215	230	11	
14	240	115	240	260	115	350	35	300	10	25	50	5	255	145	240	230	245	255	255	185	200	225	255	230	12	
15	210	225	195	170	215	165	235	165	200	235	0	205	120	165	45	0	55	25	125	120	200	215	150	100	(VA)	
16	130	130	100	180	50	355	25	335	235	130	330	215	20	75	155	255	210	75	185	170	220	215	200	250	11	
17	210	190	235	45	310	55	25	40	45	45	295	245	230	245	245	250	250	255	250	230	225	250	255	250	12	
18	210	220	210	215	125	210	230	210	230	235	310	215	250	205	245	255	230	10	65	145	220	230	235	225	11	
19	190	230	235	275	10	0	75	60	40	345	245	245	230	290	300	250	250	335	15	335	55	60	105	235	(VA)	
20	225	170	225	230	210	245	195	340	60	335	50	60	120	225	220	245	315	305	335	355	85	25	295	0	11	
21	90	165	340	315	15	330	250	245	240	235	235	210	300	340	255	235	220	190	210	240	230	155	330	340	(VA)	
22	200	135	260	190	210	165	200	245	245	75	305	255	225	230	255	20	190	20	30	35	30	35	345	230	(VA)	
23	235	320	220	215	320	225	340	350	340	40	50	85	230	175	345	225	315	35	35	30	40	50	45	335	3	
24	240	240	170	240	10	205	310	50	60	20	35	325	255	355	240	95	25	15	40	0	40	75	255	275	12	
25	225	215	75	225	320	40	45	40	355	280	15	45	240	215	20	145	60	40	25	35	65	170	250	275	3	
26	170	305	220	190	80	90	330	45	35	45	345	85	30	25	35	25	35	30	110	175	170	355	225	170	(VA)	
27	345	125	210	315	230	175	20	35	20	350	350	125	225	90	195	205	220	195	205	225	220	220	220	225	11	
28	230	230	245	215	240	300	255	170	50	245	205	255	255	245	230	235	215	230	230	240	240	240	230	230	(VA)	
29	225	230	225	230	250	245	230	235	245	245	270	220	205	185	55	30	255	245	240	120	75	125	150	285	(VA)	
30	225	215	245	210	230	225	255	200	165	245	230	355	105	55	55	355	245	245	250	225	235	235	225	230	11	
31	240	250	255	240	240	195	205	245	335	80	265	250	235	45	70	355	305	320	325	195	215	240	335	265	12	
PV	11	11	11	11	(VA)	11	11	3	3	3	3	12	11	11	12	11	11	3	12	(VA)	11	11	(VA)	11	(VA)	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.5	-.5	-1.1	-1.6	-2.2	-2.5	-2.2	-.5	3.3	4.2	7.0	9.8	10.5	11.4	10.4	11.9	10.2	9.7	7.7	6.8	6.2	5.3	4.4	2.2	4.6	11.9
2	2.2	-.4	-.4	-.1	-5.9	-1.3	.0	4.2	6.4	9.7	11.9	13.8	11.8	11.0	12.6	14.0	14.0	13.0	12.6	9.7	4.9	5.6	9.4	8.0	7.0	14.0
3	3.9	3.2	3.4	2.8	1.8	3.3	3.9	5.0	6.6	11.8	16.7	18.3	15.3	15.8	16.5	17.2	17.1	17.4	16.7	14.9	14.7	13.2	12.7	10.8	11.0	18.3
4	8.9	7.3	6.5	1.5	3.3	6.6	10.9	12.2	14.0	14.9	15.4	16.4	12.8	13.6	14.1	15.9	15.2	16.3	14.6	12.2	2.8	-3.6	-20.	-2.5	8.7	16.4
5	-4.9	-5.9	-6.5	-6.2	-5.0	-4.5	-5.3	-1.9	3.4	5.2	5.6	2.1	-1.6	-2.7	-3.9	-.1	-1.8	-2.8	-.5	-.7	-.3	-.8	-1.9	-1.8	-1.8	5.6
6	-5.1	-5.5	-5.9	-4.8	-6.2	-5.8	-5.4	-3.0	-1.1	.8	2.2	3.6	2.7	2.3	4.1	5.1	4.5	4.8	4.3	4.0	4.4	3.3	2.7	3.9	.4	5.1
7	2.0	1.5	.7	.7	1.3	2.5	.6	3.1	3.4	4.1	5.5	6.7	4.2	5.7	6.3	6.4	6.8	6.8	5.7	5.4	5.1	4.4	5.8	6.1	4.3	6.8
8	3.6	1.8	1.9	1.5	.2	.5	3.0	4.9	8.0	10.6	11.0	11.6	9.7	11.3	12.1	13.5	13.5	12.8	11.7	11.6	11.4	9.5	8.2	8.1	8.0	13.5
9	4.0	4.0	2.6	.5	4.3	1.3	.6	5.0	7.8	11.3	12.8	14.6	16.4	15.6	14.6	16.3	15.1	15.4	14.9	14.1	12.6	12.4	10.9	8.8	9.9	16.4
10	5.1	4.7	3.3	1.3	1.4	1.1	4.8	5.8	9.5	11.6	15.5	19.9	19.2	20.3	20.6	21.3	20.9	20.4	19.6	18.5	17.8	15.5	13.3	9.3	12.5	21.3
11	7.4	4.7	4.9	3.5	5.6	3.6	4.5	8.1	10.8	14.0	17.4	19.8	20.9	22.1	20.9	22.5	22.8	21.8	21.9	21.3	18.6	16.6	16.3	13.9	14.3	22.8
12	10.2	7.8	6.3	6.4	4.9	4.0	.9	6.2	7.7	10.1	12.0	12.5	7.7	9.0	9.3	.8	10.8	9.9	8.7	8.6	9.7	9.3	6.2	8.3	7.9	12.5
13	4.8	4.8	4.1	1.4	2.6	.5	.5	5.8	8.8	12.1	12.0	5.4	14.9	13.9	13.6	13.8	14.3	16.8	17.7	15.4	15.3	11.6	8.5	8.8	9.6	17.7
14	10.3	9.7	10.4	5.9	6.2	4.	.2	8.2	11.5	15.7	20.0	23.2	22.7	23.2	23.6	24.5	25.4	23.9	24.6	22.1	21.1	17.0	16.1	17.0	16.3	25.4
15	10.5	12.7	11.6	11.2	9.7	10.7	.1	15.3	17.8	21.7	23.2	26.0	25.6	23.6	24.4	26.8	27.7	27.2	26.4	23.8	21.7	21.8	18.9	17.4	19.4	27.7
16	14.9	14.8	14.8	15.2	13.6	11.5	4.1	13.5	18.7	21.0	21.6	21.9	19.6	21.2	21.1	18.9	18.7	16.8	15.5	15.3	15.6	13.5	10.7	9.8	16.3	21.9
17	10.6	9.3	9.6	6.5	7.1	6.0	10.1	12.0	15.2	18.0	19.4	20.8	20.3	20.4	20.7	14.3	17.0	17.7	17.9	16.7	16.5	17.1	16.3	13.9	14.8	20.8
18	9.5	9.8	7.7	7.7	8.8	8.	9.4	12.0	14.4	13.7	15.5	17.3	16.2	17.0	17.2	17.9	17.3	13.5	11.5	10.4	10.5	11.2	10.2	9.4	12.4	17.9
19	8.9	9.4	9.6	9.0	10.6	8.8	9.1	14.0	16.5	16.9	17.2	19.6	19.7	19.2	19.9	19.2	18.2	18.2	19.6	18.5	15.2	10.5	11.1	10.5	14.6	19.9
20	7.6	.0	.3	.1	-.1	.8	.7	.1	6.2	8.4	14.1	18.8	10.0	10.7	4.6	3.2	2.1	3.0	1.3	.0	-.2	-2.1	-4.2	-2.9	3.4	18.8
21	-1.1	-1.2	.0	.5	-1.0	1.2	.5	2.2	3.1	4.4	5.7	5.1	4.5	5.3	6.2	7.5	8.4	9.7	9.1	6.5	6.2	6.5	6.4	3.7	4.3	9.7
22	.2	s-.4	-1.7	.0	-1.2	.	.0	2.9	5.3	7.0	8.8	6.8	1.8	.5	-.4	1.1	3.5	4.7	4.4	4.5	4.5	2.9	1.8	2.1	2.6	8.8
23	-.5	-.5	-1.6	-.2	.2	.5	5.7	4.7	6.9	6.3	7.9	9.7	11.7	9.9	9.9	11.4	12.4	12.4	12.2	12.4	12.1	9.5	8.6	8.4	6.9	12.4
24	5.2	6.2	5.9	4.9	6.5	7.6	8.2	11.0	13.0	15.8	18.1	19.6	18.0	17.9	18.8	20.4	21.2	21.3	21.1	19.5	17.6	17.9	17.0	16.9	14.6	21.3
25	10.2	9.9	6.6	6.6	7.2	7.6	7.0	6.8	6.4	8.2	11.2	11.6	8.6	9.1	10.0	13.1	12.5	11.9	13.0	13.9	12.4	11.3	10.9	7.8	9.7	13.9
26	5.2	4.2	4.4	1.4	1.1	.	3.3	4.5	7.3	8.7	12.2	15.1	12.5	15.1	15.5	15.9	15.3	16.2	15.6	14.2	13.2	11.0	10.8	11.6	9.8	16.2
27	9.8	9.1	7.5	6.6	7.5	6.6	9.6	10.2	11.5	15.3	17.7	18.8	15.2	15.2	15.6	11.9	10.2	6.9	5.6	5.7	5.9	6.1	6.4	6.8	10.0	18.8
28	4.4	3.5	3.3	2.7	3.1	4.2	5.6	5.1	5.8	6.0	6.0	7.4	5.0	5.0	5.7	7.7	7.9	7.9	6.8	6.3	5.8	6.2	6.7	6.5	5.6	7.9
29	.9	-.2	.3	.4	.1	1.1	2.0	1.8	3.9	5.4	6.7	7.5	7.4	7.7	9.3	10.2	9.6	9.5	9.8	9.8	6.9	5.1	4.7	5.1	5.2	10.2
30	5.4	4.9	3.0	1.2	2.2	3.6	5.3	6.6	10.1	12.2	14.6	16.3	16.1	16.3	17.6	19.2	19.0	19.5	19.7	17.8	17.7	16.5	14.3	13.3	12.2	19.7
31	10.9	9.8	9.6	8.1	6.8	7.3	9.4	9.3	10.4	15.1	16.6	17.6	19.4	19.4	18.3	16.5	18.3	16.6	15.5	12.7	11.0	11.1	9.9	9.9	12.9	19.4
AV	5.3	4.5	3.9	3.1	3.1	3.3	4.5	6.3	8.8	11.0	13.0	14.1	12.9	13.1	13.2	13.5	13.8	13.5	13.1	12.0	10.9	9.5	8.2	8.1	9.3	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9.4	8.8	7.9	7.1	7.0	6.	5.0	8.6	10.8	13.3	17.3	19.6	19.9	21.3	22.2	21.6	21.4	21.3	21.1	19.4	17.7	16.1	16.6	17.6	15.0	22.2
2	13.6	13.3	10.6	9.3	9.5	9.5	9.5	10.8	12.3	15.9	17.9	21.2	22.0	25.1	25.0	20.6	20.4	20.4	19.9	18.6	17.4	17.6	18.0	16.1	16.4	25.1
3	14.3	14.2	11.3	10.7	10.3	11.0	11.0	10.5	13.6	16.3	19.1	20.7	21.5	22.3	22.1	18.3	18.1	17.5	17.3	13.5	7.5	8.0	7.1	6.6	14.3	22.3
4	6.9	5.6	5.3	5.7	5.3	5.3	5.5	7.8	10.9	12.5	15.2	16.5	16.4	17.3	19.4	20.0	20.9	18.7	18.7	17.7	16.5	14.7	12.4	11.7	12.8	20.9
5	10.8	10.6	9.7	7.2	5.2	5.	6.8	9.5	12.7	15.7	17.4	19.4	21.9	23.0	24.6	25.2	25.8	27.5	25.0	23.7	21.4	18.5	17.6	17.0	16.7	27.5
6	12.8	11.7	11.2	9.7	8.5	9.	8.5	13.2	14.1	17.6	20.5	21.6	27.2	28.6	28.8	29.3	29.4	28.1	27.4	26.4	24.7	23.0	21.9	21.7	19.9	29.4
7	19.0	19.0	17.7	16.3	16.3	17.3	.6	17.5	18.9	19.0	20.1	21.5	23.1	21.6	21.5	23.0	17.1	11.9	11.9	11.8	10.9	10.1	9.0	7.6	16.6	23.1
8	9.2	8.4	6.1	9.1	9.2	10.1	0.9	11.4	12.1	12.5	14.9	15.0	16.1	16.5	16.0	15.9	16.6	15.8	16.9	15.2	13.2	10.6	11.2	9.3	12.5	16.9
9	9.7	9.2	9.1	6.6	6.3	5.5	4.9	5.8	6.7	9.8	11.7	10.7	11.5	11.8	10.8	4.6	5.2	6.3	5.9	5.7	5.8	6.0	4.9	4.3	7.5	11.8
10	3.2	3.8	4.8	3.7	3.2	2.7	1.1	4.4	6.2	8.0	7.6	5.4	10.3	9.7	10.8	10.1	9.7	9.4	10.4	10.8	10.1	10.5	11.5	10.2	7.4	11.5
11	9.5	11.1	5.6	3.2	1.1	2.9	4.8	5.8	8.1	11.0	13.2	14.8	16.7	17.9	18.5	20.0	20.3	21.1	21.7	19.8	16.5	16.8	16.9	15.2	13.0	21.7
12	12.2	12.6	11.3	10.7	10.6	11.	10.6	12.4	16.0	17.2	18.7	21.6	23.4	23.6	23.4	21.5	22.0	21.8	21.0	21.8	19.5	16.6	16.7	15.9	17.2	23.6
134	16.4	16.1t	16.5	13.2	11.3	11.7	.4	13.2	15.8	19.0	22.9	24.2	27.3	27.4	27.7	28.8	28.7	26.4	25.8	23.8	22.8	22.5	23.4	23.3	20.9	28.8
14	17.7	17.2	19.0	19.9	17.9	16.5	6.2	16.8	18.6	20.5	21.8	23.0	24.7	24.7	26.3	26.6	26.5	25.0	23.8	22.2	21.4	21.7	20.0	20.1	21.2	26.6
15	18.8	16.4	14.3	13.2	12.4	12.	.6	16.3	20.2	22.3	25.5	24.8	27.4	27.4	28.9	29.1	28.6	27.8	27.8	26.9	26.9	24.2	21.2	20.8	22.0	29.1
16	16.6	18.9	17.2	17.0	15.9	15.7	6.1	17.2	17.8	20.3	21.6	23.4	25.3	26.3	25.9	26.0	25.9	23.7	22.7	22.2	22.1	20.8	20.2	19.3	20.8	26.3
17	15.5	15.7	16.2	15.6	15.7	16.0	.8	15.6	16.5	18.0	18.1	18.6	16.8	19.0	20.2	19.9	19.9	19.4	19.0	17.2	15.1	15.2	15.1	14.6	17.0	20.2
185	9.5	U9.0U	9.0	10.1	7.8	6.0	.4	3.8	3.8	3.6	5.0	3.5	1.9	2.1	1.1	1.0	1.0	1.8	3.8	5.7	8.7	9.1	11.7	12.4	5.7	12.4
19	.0	-.7	.5	.9	.4	.4	3.7	5.2	6.6	7.1	8.2	8.9	10.4	12.5	13.5	13.0	13.2	12.5	11.7	10.6	9.8	6.8	5.4	5.4	6.9	13.5
20	5.0	4.4	4.0	3.5	4.2	4.4	5.7	5.0	7.3	8.4	11.1	10.6	9.4	11.9	9.4	10.7	10.7	9.9	9.1	6.6	6.0	6.6	6.2	6.2	7.4	11.9
21	3.7	2.4	1.6	1.9	1.1	1.3	4.8	6.5	7.4	11.9	14.1	15.6	16.9	17.4	13.2	10.5	12.6	13.8	15.3	14.5	15.5	11.4	10.2	10.0	9.7	17.4
22	8Z1	7.4	8.1	6.6	6.7	6.8	6.3	5.9	7.6	11.6	16.8	20.0	16.4	18.8	19.6	20.3	21.1	20.2	19.4	16.9	16.3	16.7	15.7	12.6	13.6	21.1
23	11.5	12.5	11.7	10.5	9.5	10.0	.5	12.0	14.6	17.3	19.7	22.5	15.7	17.9	20.5	22.3	24.9	24.2	23.5	21.4	20.5	18.1	17.0	15.7	16.9	24.9
24	15.1	13.1	11.5	10.8	10.2	10.6	.4	13.1	20.4	23.6	24.1	24.3	25.2	26.1	26.3	26.5	26.2	26.7	27.0	26.1	23.4	20.9	19.6	15.4	19.9	27.0
25	15.4	16.2	16.8	17.4	18.3	18.0	8.0	17.8	18.2	18.8	19.5	16.3	11.7	14.2	16.2	16.7	15.0	14.1	12.5	10.7	10.4	9.5	8.6	6.9	14.9	19.5
26	4.6	3.8	2.9	2.1	.7	2.7	3.5	6.1	9.1	11.1	13.6	16.3	15.9	16.4	16.9	20.0	21.4	21.0	20.4	20.1	21.0	17.9	14.9	14.1	12.4	21.4
27	13.1	11.5	11.2	9.5	9.5	10.1	10.3	11.5	14.3	17.2	21.5	25.7	25.7	26.0	27.4	28.0	28.0	28.5	28.5	28.8	28.4	27.0	24.1	21.8	20.3	28.8
28	19V1	16.9	15.6	14.8	13.9	11.2	13.0	14.4	17.0	19.9	22.5	22.6	27.8	27.9	28.9	29.3	28.0	28.3	28.9	27.5	27.1	22.3	19.9	17.7	21.5	29.3
29	17.9	19.4	17.9	16.1	14.2	13.	.2	13.9	15.5	20.2	25.6	27.9	28.0	28.7	29.6	29.7	30.8	30.6	29.4	28.3	27.1	23.5	22.1	21.8	22.7	30.8
30	19.0	17.9	17.1	15.7	16.0	14.	5.5	16.5	20.2	21.7	25.1	30.0	31.0	32.1	33.1	32.9	32.5	32.3	31.3	29.2	26.9	23.7	23.3	21.7	24.1	33.1
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	11.9	11.5	10.7	9.9	9.3	9.3	6.9	11.0	13.1	15.4	17.7	18.9	19.6	20.5	20.9	20.7	20.7	20.2	19.9	18.8	17.7	16.2	15.4	14.4	15.6	[ ]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	21.2	18.5	18.4	17.7	14.8	13.6	14.6	16.6	20.5	22.2	25.5	30.3	32.8	33.3	33.1	32.7	33.3	33.5	32.9	30.7	27.3	26.9	25.2	23.3	25.0	33.5
2	23.8	23.7	20.5	19.3	17.2	17.7	17.7	19.5	22.3	24.9	27.3	30.0	32.7	32.8	31.0	31.4	30.2	30.6	28.5	26.3	25.7	23.7	23.8	23.4	25.2	32.8
3	22.7	20.3	18.6	18.1	19.2	19.8	20.1	23.3	25.2	25.5	26.2	29.0	29.1	27.8	26.5	27.9	28.1	29.9	27.5	22.7	19.5	18.7	17.9	17.0	23.4	29.9
4	17.5	16.8	16.1	14.5	14.5	14.7	14.5	17.3	20.2	22.2	21.9	23.0	24.8	27.0	26.3	26.9	29.2	28.8	26.3	25.3	24.9	22.7	21.6	22.0	21.6	29.2
5	18.4	18.2	17.1	16.7	15.3	15.0	16.1	18.3	19.7	20.6	21.9	24.4	27.4	27.8	27.7	27.8	27.2	27.1	27.2	26.7	21.4	21.0	20.3	19.6	21.8	27.8
6	18.4	15.9	16.2	16.0	14.7	14.6	15.7	18.8	20.3	21.5	24.6	26.0	26.7	28.3	28.2	28.9	31.0	30.1	28.7	27.9	26.8	26.4	24.2	22.5	23.0	31.0
7	20.1	19.2	19.0	18.5	16.2	17.0	17.4	17.4	22.8	27.1	29.9	29.4	31.3	32.4	33.2	32.1	31.6	30.0	30.8	29.1	27.2	25.6	24.6	23.3	25.2	33.2
8	18.8	21.5	21.0	21.0	20.2	17.9	18.1	20.3	21.4	23.6	25.9	29.6	30.9	32.2	32.2	28.1	22.0	22.1	23.9	23.7	23.0	23.6	23.0	22.1	23.6	32.2
9	18.8	18.7	18.1	19.2	19.2	18.0	18.2	19.3	20.9	23.6	26.1	26.5	29.2	28.5	27.9	28.0	28.2	28.2	26.5	22.4	21.6	21.0	20.2	19.8	22.8	29.2
10	17.4	16.2	15.7	15.2	14.0	16.3	16.3	18.3	22.2	21.9	24.4	26.1	26.7	27.1	28.0	28.0	28.5	28.0	26.9	26.2	25.8	25.4	24.2	23.2	22.6	28.5
11	22.6	21.2	19.4	17.3	16.4	15.7	16.7	17.8	21.0	22.9	24.9	25.6	27.4	27.7	28.1	28.2	28.4	26.8	24.5	26.5	24.8	23.3	22.1	21.4	22.9	28.4
12	25.0	20.3	18.9	17.0	15.8	16.4	15.4	16.8	19.1	21.9	22.5	25.6	26.7	26.5	27.4	28.8	27.8	27.4	27.0	24.2	24.4	21.7	20.7	21.4	22.4	28.8
13	19.3	20.0	19.1	17.7	17.7	17.6	17.2	19.6	21.2	23.6	24.5	23.5	21.9	24.6	23.8	24.8	25.8	24.0	22.5	21.4	20.1	21.2	19.1	18.2	21.2	25.8
14	15.7	15.6	14.5	13.7	13.0	14.3	14.7	16.0	19.6	21.7	22.8	26.8	29.5	31.1	29.8	28.9	30.7	30.9	27.2	24.7	23.5	22.5	20.8	20.2	22.0	31.1
15	18.8	18.3	16.7	15.9	15.7	15.1	15.3	17.2	22.1	24.5	26.6	25.0	22.5	19.9	22.2	20.9	20.2	20.1	20.2	18.9	19.6	15.9	15.7	14.5	19.2	26.6
16	15.4	15.3	14.8	14.3	15.1	14.9	13.4	12.8	14.2	13.7	15.7	15.5	15.0	14.9	19.7	17.6	12.5	10.2	10.6	10.1	10.4	8.9	9.3	13.0	13.6	19.7
17	9.2	9.4	8.6	8.1	8.1	8.4	9.2	9.9	12.4	14.9	16.8	19.1	22.4	24.7	25.2	25.6	25.6	25.6	25.9	23.5	21.2	19.4	17.6	17.5	17.0	25.9
18	18.8	18.2	16.6	15.4	15.9	16.7	16.6	19.2	22.3	25.4	26.8	28.7	27.8	29.8	29.9	30.3	30.8	30.0	28.8	27.2	25.7	24.5	20.8	21.0	23.6	30.8
19	18.8	17.7	16.8	15.4	15.5	16.3	16.4	16.5	19.7	23.2	26.4	27.9	29.8	31.6	32.2	33.1	32.4	31.6	31.5	29.9	29.1	27.8	26.6	24.2	24.6	33.1
20	21.7	20.7	20.0	18.5	16.9	16.1	15.6	16.3	19.8	22.4	24.5	25.8	29.0	29.0	28.3	30.5	30.5	29.6	27.4	26.5	25.8	22.5	19.8	21.4	23.3	30.5
21	20.5	19.5	18.3	17.9	16.2	16.1	16.3	16.0	17.3	20.5	24.1	27.3	28.9	30.7	29.8	22.5	21.6	20.9	22.1	21.1	20.6	18.6	17.0	17.4	20.9	30.7
22	15.5	14.2	14.3	12.7	11.4	12.4	14.1	16.2	20.7	24.0	26.9	29.7	28.5	30.4	32.0	31.8	31.7	29.8	29.1	28.5	28.2	25.8	24.3	23.2	23.1	32.0
23	20.3	18.9	17.7	16.3	14.9	14.5	15.5	17.7	22.0	24.2	25.3	26.9	28.6	28.9	29.7	31.0	29.3	28.5	28.7	27.7	26.3	25.6	24.5	22.3	23.6	31.0
24	20.6	18.5	17.3	16.3	15.6	15.5	16.4	19.1	22.1	25.5	25.9	31.1	29.8	31.1	30.9	30.7	30.8	29.6	28.0	27.8	27.7	26.4	24.1	22.3	24.3	31.1
25	19.0	17.9	16.4	15.7	15.6	15.0	15.5	17.2	20.8	24.8	27.1	28.2	29.8	29.8	30.0	29.4	29.7	28.7	27.9	27.9	25.8	23.1	21.0	19.6	23.2	30.0
26	18.3	17.4	15.6	15.7	15.2	14.5	13.2	14.5	17.2	21.1	23.0	23.7	29.5	30.5	31.2	31.3	31.6	31.8	29.4	29.7	26.3	24.5	22.3	22.0	22.8	31.8
27	19.9	19.6	19.2	16.8	15.1	14.8	15.7	15.7	18.5	22.3	25.4	27.2	30.4	30.6	30.8	31.2	31.3	31.3	30.1	28.5	26.5	24.8	23.4	22.0	23.8	31.3
28	21.6	19.4	18.1	17.4	17.7	16.9	18.1	20.8	22.9	26.0	27.9	30.5	30.6	30.1	31.1	31.8	31.6	30.3	27.8	26.4	26.1	25.1	23.1	23.6	24.8	31.8
29	20.4	20.8	20.1	19.4	19.5	17.8	17.9	19.0	20.1	20.5	22.4	24.3	18.2	18.3	20.7	23.6	22.5	16.6	15.9	14.3	13.9	13.1	13.0	14.3	18.6	24.3
30	13.0	13.0	12.8	12.3	12.2	13.2	12.8	13.4	15.6	19.7	20.8	21.8	20.7	19.5	21.2	22.4	25.8	25.8	24.0	22.3	20.8	18.7	17.8	17.8	18.2	25.8
31	15.7	16.6	15.7	15.7	14.8	13.2	14.5	15.7	17.4	18.3	21.4	21.6	24.3	25.0	24.1	23.1	24.3	22.9	17.2	14.6	13.9	13.8	14.1	12.3	17.9	25.0
AV	18.9	18.1	17.1	16.3	15.6	15.5	15.8	17.3	20.0	22.4	24.4	26.1	27.2	27.8	28.1	28.0	27.9	27.1	26.0	24.6	23.4	22.0	20.7	20.2	22.1	( )

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	0	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.5	1.0	2.5	2.5	2.5	3.0	2.5	2.5	3.0	2.5	5.0	5.0	5.0	7.0	7.5	6.5	9.5	13.0	4.5	1.5	3.0	4.0	3.5	2.5	4.0	13.0
2	2.5	2.5	3.0	2.5	2.5	2.5	.0	2.5	2.5	4.0	4.0	5.0	9.5	9.5	7.5	6.5	6.0	4.0	2.5	2.0	4.0	5.0	3.5	3.5	4.0	9.5
3	2.5	1.5	2.5	2.0	2.5	1.5	.5	2.5	2.5	2.5	5.5	7.0	9.5	12.5	12.5	11.5	12.0	10.0	8.0	6.0	7.0	8.5	4.5	3.0	6.0	12.5
4	3.5	4.0	3.5	2.5	3.0	3.0	4.0	17.0	16.5	18.0	17.0	15.5	17.0	14.5	16.0	18.5	15.5	17.0	14.0	13.5	18.0	14.0	9.5	(IM)	12.0	18.5
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	2.5	2.5	5.5	5.5	5.5	7.5	7.5	4.5	5.5	3.0	3.0	3.5	4.0	2.5	2.5	2.5	4.0	7.5
6	3.0	2.0	2.5	3.0	3.5	5.0	.0	7.5	6.5	11.0	10.5	12.0	13.0	8.5	13.0	12.0	10.5	8.0	10.0	9.5	7.0	12.5	13.0	13.0	8.5	13.0
7	9.0	12.0	10.0	11.0	10.0	10.0	1.0	9.5	10.5	12.5	15.0	14.0	14.0	12.5	14.0	12.0	11.5	11.0	9.5	8.5	9.0	4.0	4.5	5.0	10.5	15.0
8	5.0	2.5	2.5	2.5	2.5	2.	.5	2.0	3.0	6.0	8.5	9.5	8.5	8.0	6.0	5.5	9.0	4.5	5.0	3.0	4.0	8.5	2.5	3.5	5.0	9.5
9	4.0	2.5	2.0	2.0	2.0	1.5	.5	2.5	3.0	3.0	4.0	3.5	8.0	11.5	4.5	13.5	10.5	4.0	2.0	3.0	3.0	2.5	2.0	2.5	4.0	13.5
10	2.5	2.5	2.5	2.0	3.5	1.5	.5	2.0	3.0	3.5	3.0	3.5	6.5	9.0	5.5	7.0	6.5	2.5	3.5	2.5	2.5	1.5	2.5	2.0	3.5	9.0
11	2.3	$3.0	2.5	3.0	3.0	2.5	.0	1.5	2.5	2.5	4.0	3.5	5.0	5.0	7.0	5.5	9.5	8.5	7.0	5.5	6.5	9.0	17.0	19.5	5.5	19.5
12	16.5	14.5	22.5	17.5	9.0	5.0	.0	10.0	8.0	5.0	5.0	8.0	8.0	5.0	7.5	6.5	7.0	10.5	6.0	3.5	2.0	5.0	1.0	1.5	8.0	22.5
13	2.0	2.5	2.0	3.0	2.5	2.0	1.5	1.5	3.0	4.0	4.5	5.0	6.5	5.0	5.5	3.5	3.5	3.0	3.5	3.5	3.0	2.5	3.0	1.5	3.5	6.5
14	72V5	2.5	2.5	2.5	2.0	1.5	.0	2.0	2.0	3.0	2.5	4.0	6.0	4.5	6.0	4.5	3.0	3.5	5.0	4.0	2.5	3.5	4.0	2.5	3.5	6.0
15	3.5	2.5	3.5	2.5	2.5	2.5	.0	2.0	2.5	2.5	3.0	5.5	6.0	10.0	8.5	7.0	6.0	8.0	8.0	5.5	4.0	4.0	4.5	2.5	4.5	10.0
16	3.5	2.5	2.5	2.5	2.5	2.0	.0	2.0	3.0	9.0	9.5	8.5	9.5	7.0	6.5	14.5	10.5	11.5	7.0	3.0	4.5	8.5	4.5	6.0	6.0	14.5
17	2.5	2.5	2.5	2.5	2.5	1.0	.0	4.0	3.5	5.0	7.5	5.5	6.5	5.5	5.0	9.5	5.5	3.5	2.5	2.5	3.0	3.0	3.0	3.0	4.0	9.5
18	2.5	1.5	2.0	2.5	2.0	2.	.5	1.5	3.5	8.5	10.0	10.0	11.5	12.0	13.5	14.5	12.0	13.0	7.5	7.0	5.0	3.5	3.0	4.0	6.5	14.5
19	4.0	3.0	3.0	2.0	2.0	2.	.0	2.5	2.5	6.0	6.5	10.5	17.0	15.0	15.0	10.5	14.5	17.5	16.5	12.0	15.0	6.0	4.0	4.0	8.0	17.5
20	11.0	10.0	6.0	4.0	2.5	6.0	.5	6.0	4.0	4.5	9.5	10.5	7.5	16.0	3.5	5.0	9.5	10.5	13.0	14.5	5.0	3.0	5.0	2.5	7.5	16.0
21	3.5	5.5	6.0	8.5	13.0	6.0	.0	9.0	9.0	11.0	8.5	9.0	10.0	8.5	8.0	9.0	8.5	6.5	6.0	8.0	7.5	3.0	2.0	2.5	7.5	13.0
22	2.5	2.5	2.5	2.5	2.5	2.0	2.5	2.5	5.5	6.0	6.5	8.5	9.0	6.5	5.5	4.0	2.5	5.5	2.5	3.0	2.5	2.0	2.5	2.0	4.0	9.0
23	2.5	2.0	1.5	.5	1.5	1.0	.5	2.0	5.0	8.0	8.0	9.5	9.5	9.0	6.5	5.5	6.0	5.0	6.5	3.5	2.5	1.0	1.5	2.5	4.5	9.5
24	3.5	2.5	2.5	2.5	3.5	1.	.0	2.0	2.5	4.5	6.0	10.0	11.0	12.5	11.0	11.5	12.0	9.0	12.0	10.5	8.0	6.5	10.5	4.5	7.0	12.5
25	4.5	7.5	13.0	12.0	14.5	13.0	.5	10.0	6.0	5.0	9.5	9.5	9.5	5.5	5.5	4.5	4.5	5.5	3.0	4.5	2.0	7.0	6.5	3.0	7.5	14.5
26	2.3	$3.0	2.5	2.5	3.0	1.5	.5	2.5	3.0	4.0	4.0	6.0	5.5	5.0	4.0	4.0	2.5	2.5	2.0	3.0	1.0	1.5	2.0	2.5	3.0	6.0
27	9.5	10.0	3.5	2.5	2.5	2.5	.0	2.0	2.5	3.0	3.5	7.5	11.5	6.0	5.0	10.0	14.5	5.0	5.5	2.0	2.0	2.5	3.5	7.5	5.5	14.5
28	5.5	2.5	2.5	1.5	2.0	1.	.0	2.5	5.0	3.0	2.5	3.5	7.5	9.0	7.0	11.0	14.0	11.5	10.5	12.5	8.0	7.5	3.0	5.5	6.0	14.0
29	4.0	2.0	1.5	2.0	1.0	4.	.5	6.5	7.0	9.5	15.5	12.5	11.5	14.5	12.0	10.5	8.0	7.0	6.5	6.0	2.0	3.0	2.0	2.0	6.5	15.5
30	2.0	1.5	2.5	2.5	3.0	1.0	.0	2.0	2.5	3.0	3.5	4.0	3.5	4.0	4.5	3.5	3.0	2.5	2.0	2.5	2.5	2.5	3.0	3.0	2.5	4.5
31	2.5	3.0	2.0	2.5	3.5	.5	1.5	4.0	3.5	4.5	3.0	6.0	4.5	6.0	7.5	5.5	4.0	2.5	7.0	2.5	5.5	3.0	2.5	2.5	3.5	7.5
AV	4.0	4.0	4.0	3.5	4.0	3.0	3.5	4.0	4.5	5.5	7.0	7.5	9.0	9.0	8.0	8.5	8.5	7.5	6.5	5.5	5.0	5.0	4.5	4.0	5.5	( )

Moore Business Forms, Inc.

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	0	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.0	2.5	2.5	2.5	2.0	1.5	3.0	3.0	7.0	5.5	3.0	4.0	4.5	7.0	4.5	4.0	3.5	5.0	5.0	2.5	3.5	2.5	3.0	1.5	3.5	7.0
2	2.0	2.0	1.5	2.5	2.5	1.0	2.5	2.5	2.5	4.0	4.0	3.0	3.0	4.0	4.5	6.0	6.0	2.5	3.0	3.5	2.5	3.5	4.0	2.5	3.0	6.0
3	2.5	2.5	3.0	2.0	2.0	2.0	1.5	2.5	3.0	3.0	3.5	5.5	8.0	10.0	19.5	17.0	4.5	4.5	9.5	14.0	6.5	5.5	2.5	3.0	5.5	19.5
4	2.5	2.0	2.5	2.5	2.0	2.0	.5	3.0	3.0	3.0	4.0	4.5	4.5	4.0	4.5	4.0	3.5	3.0	3.5	2.0	1.0	2.5	2.0	2.5	3.0	4.5
53	1.0	2.5	2.0	2.0	2.0	2.	.0	2.0	2.5	3.0	3.5	4.5	5.5	5.0	4.5	4.5	3.5	2.5	3.0	2.5	3.0	2.5	3.0	2.5	3.0	5.5
6	2.5	2.5	2.5	1.5	2.0	2.0	2.5	2.0	2.0	3.0	3.5	5.0	6.0	5.5	7.5	6.5	4.5	3.5	2.5	3.5	2.5	2.0	1.5	2.5	3.5	7.5
7	2.5	2.0	3.5	3.0	4.0	3.5	3.0	5.0	9.5	9.0	6.5	7.0	11.5	8.5	5.0	10.0	12.0	6.0	7.0	3.5	3.5	5.5	3.0	2.5	5.5	12.0
8	1.5	2.0	2.5	3.0	2.5	5.5	3.0	2.5	2.5	2.5	2.5	5.5	6.5	8.5	8.5	9.5	6.5	9.5	10.0	5.5	6.0	2.5	1.5	2.0	4.5	10.0
9	3.0	2.0	1.0	1.0	2.0	1.0	3.5	6.0	7.5	8.0	7.5	6.0	7.5	16.5	14.0	9.5	9.5	4.5	3.5	2.5	1.5	2.0	2.5	2.0	5.0	16.5
10	2.5	2.0	2.0	2.0	2.5	2.5	.0	2.5	3.0	6.0	7.0	9.0	8.0	6.5	7.5	5.0	5.0	2.5	2.5	4.0	3.0	2.5	3.0	2.5	4.0	9.0
11	3.0	4.0	2.5	2.5	2.5	1.5	2.0	2.0	3.0	3.5	5.0	4.0	5.5	7.0	6.0	5.5	5.0	4.0	2.5	2.5	4.0	4.0	2.5	3.0	3.5	7.0
12	3.0	1.5	2.0	2.0	1.5	2.0	3.0	2.5	2.0	5.0	4.0	3.5	5.0	7.5	9.0	8.5	7.5	3.5	4.0	5.5	3.5	3.5	5.5	3.5	4.0	9.0
13	2.5	3.0	2.5	3.5	3.0	2.0	.0	2.5	2.5	2.5	4.0	10.0	10.0	11.0	12.0	16.0	16.5	15.0	12.0	9.5	2.0	3.0	3.0	2.0	6.5	16.5
14	2.5	2.5	8.0	10.5	2.5	1.	3.0	4.0	7.0	8.5	12.0	11.0	11.0	11.0	11.5	12.0	18.0	17.5	15.0	14.0	11.0	7.5	3.5	2.5	8.5	18.0
15	2.5	3.5	2.5	2.5	2.5	2.	.0	2.5	2.5	4.0	5.5	9.5	13.0	14.0	15.0	14.0	16.0	14.0	11.0	5.0	1.5	4.5	4.5	2.5	6.5	16.0
16	5.0	2.0	4.0	4.0	2.5	3.5	.5	2.5	5.5	7.0	9.5	10.5	13.0	20.5	22.5	22.0	18.0	15.5	16.5	11.5	5.5	2.0	2.5	2.5	8.5	22.5
17	2.5	5.0	4.0	6.0	2.0	2.5	3.5	2.5	2.5	4.0	3.5	3.0	3.0	3.5	3.5	5.0	6.0	10.5	8.0	7.0	10.0	6.5	8.5	5.0	5.0	10.5
18	3.5	5.0	6.0	7.5	7.0	5.5	.5	7.5	12.5	14.0	12.5	6.5	5.5	9.5	7.5	6.0	4.0	9.5	9.5	9.5	3.0	3.5	2.5	2.0	7.0	14.0
19	2.5	1.5	2.5	2.0	1.5	2.0	.0	5.5	6.0	4.0	7.0	10.5	7.0	10.5	12.5	10.0	10.0	10.0	10.0	3.0	2.5	3.0	2.5	2.5	5.5	12.5
20	2.5	2.0	2.5	2.5	2.5	2.0	4.5	3.5	2.5	3.0	2.5	9.0	11.0	8.5	10.0	12.5	14.0	9.0	6.5	3.0	2.5	2.0	3.0	2.5	5.0	14.0
21	2.5	2.5	2.5	2.0	2.5	2.5	.5	2.5	3.0	5.0	6.0	6.5	7.5	7.5	8.5	7.0	6.0	4.5	4.0	2.5	3.0	2.0	2.0	2.5	4.0	8.5
22	2.5	2.5	2.5	2.5	2.5	2.0	3.5	2.5	3.0	4.0	5.5	6.5	5.5	7.0	7.5	5.0	5.0	6.5	5.0	3.0	5.0	3.0	3.5	3.5	4.0	7.5
23	2.5	2.5	2.5	2.5	2.0	1.	3.5	2.5	2.5	3.0	3.5	5.0	14.5	6.0	7.5	5.0	3.0	5.5	4.5	2.0	1.5	1.5	2.5	3.0	3.5	14.5
24	1.5	1.5	2.5	3.0	2.5	2.0	.0	2.0	8.0	12.5	14.5	15.5	17.5	16.0	17.0	14.5	17.5	12.5	9.0	4.5	3.0	5.0	4.0	2.0	8.0	17.5
25	2.5	2.5	3.0	7.0	7.5	6.0	9.5	11.0	16.0	15.0	15.5	10.5	9.5	6.0	13.0	22.0	21.5	22.0	20.5	13.0	9.0	3.5	4.0	3.0	10.5	22.0
26	2.0	2.0	2.5	2.5	2.5	2.5	1.5	3.0	4.0	4.5	5.0	5.0	4.5	5.5	3.5	5.5	5.5	4.5	2.0	3.0	3.0	4.0	2.5	4.0	3.5	5.5
27	3.0	2.5	2.0	3.0	2.5	2.5	4.0	2.0	2.5	3.0	4.0	8.5	14.0	12.0	13.0	10.5	10.0	10.5	9.5	7.5	2.5	2.5	6.0	4.0	6.0	14.0
28	3.0	3.0	4.0	3.0	3.5	2.5	1.0	2.0	2.5	3.0	4.0	6.0	7.0	9.5	8.5	9.0	9.5	9.0	7.0	3.0	4.5	4.5	4.5	9.5	5.0	9.5
29	2.5	2.5	2.0	3.5	2.5	2.0	.0	2.0	3.0	3.5	8.5	10.5	10.5	12.0	10.0	13.0	9.0	11.0	6.0	3.5	4.0	5.0	4.0	3.0	5.5	13.0
30	2.5	3.5	3.0	3.0	3.5	2.0	3.0	2.0	2.5	3.5	4.0	7.5	11.5	10.0	10.5	11.5	11.0	8.0	5.0	2.5	4.5	5.5	2.5	2.0	5.0	11.5
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	2.5	2.5	3.0	3.0	3.0	2.5	2.5	3.5	4.5	5.5	6.0	7.0	8.5	9.0	9.5	9.5	9.0	8.0	7.0	5.5	4.0	3.5	3.5	3.0	5.0	( )

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 10

JULY, 1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.5	2.5	2.0	1.5	1.5	3.5	1.5	2.5	2.5	3.5	3.5	6.5	13.5	12.0	12.0	9.5	9.5	9.0	7.5	6.0	3.0	5.0	3.0	2.0	5.0	13.5
2	2.5	2.5	2.5	3.0	3.0	3.5	2.5	2.5	3.0	5.5	5.0	5.5	7.5	8.0	7.5	7.0	10.0	7.5	10.0	8.0	11.5	11.5	7.5	4.0	6.0	11.5
3	3.0	3.0	3.0	3.0	2.0	1.5	2.5	2.5	5.0	5.0	6.0	5.0	5.0	9.0	10.5	6.5	5.5	5.5	5.0	6.0	2.5	3.0	2.5	2.5	4.5	10.5
4	2.0	2.0	2.5	2.5	2.5	2.5	1.5	1.5	2.5	4.0	6.5	6.0	7.5	7.5	7.5	6.5	4.5	6.5	9.0	5.0	4.5	4.0	3.0	2.5	4.5	9.0
5	2.5	2.5	2.5	2.5	3.5	2.0	2.0	2.5	3.0	3.0	4.0	6.5	6.0	7.5	8.0	10.0	8.5	6.0	2.0	8.5	13.0	12.0	7.5	2.5	5.5	13.0
6	2.5	2.5	2.0	2.0	2.5	2.5	2.0	3.5	3.0	4.0	5.0	4.5	4.0	5.0	5.0	4.5	5.0	7.0	6.0	4.0	2.0	2.5	2.5	2.5	3.5	7.0
7	2.5	2.5	2.5	2.5	2.5	1.0	1.5	2.5	2.5	2.5	4.0	5.0	6.0	5.0	8.5	9.5	9.5	8.0	7.5	4.0	3.0	4.5	5.0	5.0	4.5	9.5
8	5.0	2.5	1.5	2.0	1.5	2.0	2.0	4.0	3.0	5.0	5.0	5.5	4.5	5.5	5.5	9.5	8.0	4.0	5.5	4.0	2.5	3.0	3.0	2.5	4.0	9.5
9	2.5	2.5	2.5	2.5	3.0	2.5	2.0	2.5	3.5	5.5	4.0	4.0	5.0	11.5	11.0	5.0	2.5	5.0	11.0	9.0	2.0	2.0	2.5	3.0	4.5	11.5
10	4.0	2.0	1.0	2.5	2.5	2.0	2.0	2.5	3.5	3.5	5.0	7.0	6.5	5.5	7.0	7.5	5.0	4.0	7.5	2.5	4.5	6.0	3.5	2.5	4.0	7.5
11	3.0	1.0	2.5	1.5	2.5	2.5	1.0	2.0	3.0	8.0	6.0	6.0	5.5	7.5	7.0	7.0	6.5	12.5	5.5	6.5	6.5	4.0	2.0	1.5	4.5	12.5
12	4.0	2.5	2.0	2.0	1.5	1.0	1.5	6.0	6.0	4.0	3.0	5.5	6.5	6.5	5.0	5.0	5.0	3.5	6.0	9.0	7.0	3.0	2.5	5.0	4.5	9.0
13	4.5	4.0	2.5	1.5	3.0	3.0	3.0	6.0	7.5	7.0	8.5	7.5	2.5	6.5	6.5	5.5	6.0	6.0	8.5	4.0	2.0	2.5	3.0	2.5	4.5	8.5
14	3.0	2.5	2.5	2.5	2.0	1.5	2.0	2.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5	8.0	13.0	6.5	1.5	3.0	3.5	2.5	4.0	13.0
15	2.5	2.0	2.5	2.0	2.5	1.0	1.0	2.0	2.0	4.5	4.5	7.5	5.0	4.5	5.0	5.5	3.0	4.5	3.0	2.0	3.5	2.5	3.0	2.5	3.5	7.5
16	6.0	7.0	3.0	3.0	2.0	2.0	1.5	1.5	5.0	6.5	3.0	6.5	6.0	9.0	6.5	11.0	6.5	3.0	4.0	7.0	3.0	4.0	2.5	2.0	4.5	11.0
17	2.5	2.0	2.5	2.0	1.5	2.0	1.0	1.0	2.5	2.5	4.0	3.5	6.5	11.0	10.0	10.0	8.0	3.0	3.5	2.5	4.0	2.5	1.5	2.0	4.0	11.0
18	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.5	4.0	6.0	6.0	5.0	5.5	5.5	5.0	7.0	6.0	2.5	2.5	2.0	3.5	3.0	4.0	3.5	7.0
19	2.5	2.5	3.0	2.5	2.5	2.5	2.0	2.0	3.0	2.5	5.0	5.0	4.0	6.0	5.5	6.0	4.5	4.5	4.0	3.5	2.0	1.0	2.0	2.0	3.5	6.0
20	2.5	2.5	3.0	2.5	2.5	2.5	2.0	2.0	2.5	3.5	4.0	4.5	4.5	7.5	6.5	6.5	16.0	10.0	4.5	2.5	4.0	2.5	5.0	2.5	4.5	16.0
21	3.0	3.5	2.5	2.5	2.5	2.5	2.0	1.5	4.0	5.0	5.5	4.0	3.0	5.5	10.0	14.0	7.5	8.5	4.0	3.0	2.5	3.0	3.0	3.0	4.5	14.0
22	2.5	2.5	2.5	2.5	3.0	5.5	2.5	2.5	2.5	3.0	3.0	4.0	4.5	6.0	6.5	5.0	6.5	7.0	6.5	4.5	5.0	2.5	2.5	2.5	4.0	7.0
23	2.5	2.5	3.0	2.5	2.0	2.5	2.5	1.5	3.0	3.5	4.0	4.5	6.0	12.5	7.5	7.0	10.0	7.0	3.5	4.5	1.0	1.5	3.0	2.5	4.0	12.5
24	2.0	2.0	2.5	3.0	2.5	2.0	2.0	2.0	2.0	5.0	4.0	5.5	6.5	6.0	8.5	7.0	7.0	8.0	5.5	3.0	3.0	2.0	3.0	2.5	4.0	8.5
25	2.5	3.5	2.5	2.5	2.5	2.5	1.5	2.0	2.0	3.0	3.0	5.0	6.5	8.0	6.5	7.5	9.0	6.0	6.0	3.5	5.5	3.5	2.5	2.5	4.0	9.0
26	2.5	2.5	2.5	2.5	1.5	2.0	1.5	2.5	2.5	3.5	5.0	4.5	6.5	7.5	7.0	7.5	6.0	8.5	5.5	2.5	2.5	2.5	2.5	2.5	4.0	8.5
27	2.5	3.0	2.5	2.0	2.0	2.5	2.0	2.0	3.0	3.0	3.5	4.0	6.0	6.0	6.5	7.5	6.0	7.5	4.0	4.5	4.5	5.5	2.5	2.5	4.0	7.5
28	3.0	2.5	2.5	2.0	3.0	2.0	1.5	2.5	2.5	6.0	6.0	6.0	8.5	9.0	10.0	9.5	9.0	9.0	7.0	7.5	6.0	5.0	3.5	2.5	5.5	10.0
29	2.5	2.5	3.5	4.5	3.0	1.5	2.5	3.5	6.5	5.5	7.0	6.0	4.5	6.0	5.5	3.0	14.5	4.0	6.5	3.0	6.0	2.5	1.5	1.5	4.5	14.5
30	2.0	2.5	2.5	2.5	1.0	1.0	2.5	2.0	2.0	4.0	3.5	5.5	10.5	7.0	3.5	3.5	7.5	8.5	6.5	4.0	2.5	2.5	3.5	2.5	4.0	10.5
31	2.5	4.5	5.0	2.5	2.5	1.5	2.5	3.5	3.0	3.0	8.5	7.0	5.0	6.0	4.0	8.5	8.0	9.5	11.0	2.5	2.5	3.0	3.0	2.5	4.5	11.0
AV	3.0	2.5	2.5	2.5	2.5	2.0	2.0	2.5	3.5	4.5	5.0	5.5	6.0	7.0	7.0	7.0	7.5	6.5	6.0	4.5	4.0	3.5	3.0	2.5	4.5	[ ]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	350	325	340	355	0	355	120	125	270	230	300	300	270	180	300	260	300	285	275	20	5	20	340	335	(VA)
2	340	20	340	10	345	15	275	65	305	15	140	175	245	270	270	335	270	275	290	260	290	280	25	5	13
3	105	15	10	325	35	350	95	110	165	0	285	305	220	210	220	210	220	195	200	175	170	190	195	190	10
4	180	195	175	210	5	310	135	195	175	180	165	180	180	190	190	170	185	195	195	280	275	280	270	325	9
5	125	185	120	135	45	60	20	180	290	330	355	320	175	120	105	135	245	225	245	265	10	340	345	330	15
6	210	310	40	(IM)	(IM)	(IM)	195	195	205	210	225	215	215	240	220	210	200	205	245	235	205	195	190	215	10
7	200	200	200	205	210	205	200	210	210	210	215	210	190	210	220	220	225	240	245	230	265	210	205	345	10
8	105	35	310	10	30	350	165	25	330	225	245	255	230	220	280	245	255	265	270	100	5	350	290	345	(VA)
9	310	350	350	330	320	10	35	70	305	190	15	265	180	130	100	185	305	90	310	315	325	25	285	320	15
10	250	10	330	5	20	30	110	95	340	325	10	40	290	270	10	265	315	355	15	290	170	35	350	35	1
11	25	340	15	15	355	10	25	65	30	295	300	15	285	330	245	325	215	215	210	210	190	210	275	275	2
12	240	255	260	230	235	315	240	260	270	325	15	325	5	40	65	95	65	75	80	130	5	105	240	60	(VA)
13	5	335	305	315	320	305	155	60	145	345	45	280	200	50	205	335	305	115	55	5	300	340	340	40	(VA)
14	355	350	20	35	355	45	120	135	5	60	0	355	205	275	285	325	310	85	85	15	320	20	325	295	1
15	5	20	40	20	35	5	50	130	20	325	160	5	25	10	80	35	300	160	120	185	175	325	25	345	(VA)
16	215	40	10	60	355	3	10	35	345	250	245	285	270	310	305	85	110	240	265	190	280	295	305	90	(VA)
17	340	195	40	50	30	0	175	280	0	300	320	315	290	305	5	275	260	225	205	20	40	85	230	15	(VA)
18	330	50	170	15	40	10	150	40	310	210	205	175	190	180	175	170	145	70	120	135	110	40	135	65	9
19	25	40	50	35	35	3	120	135	70	295	285	235	205	200	195	185	65	180	185	190	275	20	95	70	3
20	250	260	250	255	300	6	50	50	65	45	315	290	265	270	35	260	315	285	290	295	295	150	70	210	14
21	75	65	75	65	115	140	115	110	140	185	195	220	210	185	200	185	200	200	195	200	295	255	260	5	10
22	340	345	0	55	345	75	85	355	335	295	335	145	200	245	140	100	345	165	110	155	355	325	275	345	16
23	15	20	70	30	35	5	355	350	235	255	275	270	275	255	245	235	240	245	255	285	270	345	20	35	12
24	0	20	20	25	25	25	70	325	280	305	290	250	225	230	230	225	210	195	210	195	195	205	300	5	10
25	0	260	260	265	260	285	295	295	335	50	75	75	55	65	325	300	355	320	320	335	45	280	270	320	13
26	60	45	120	25	295	11	285	270	350	10	345	330	295	290	305	30	335	175	95	335	70	15	260	325	(VA)
27	270	280	90	160	25	110	350	85	305	15	330	0	175	205	235	345	255	245	40	350	285	290	300	340	(VA)
28	285	225	255	205	270	275	310	255	190	185	285	325	10	70	100	50	65	55	60	55	30	20	80	90	(VA)
29	355	355	190	120	40	50	60	65	55	65	60	65	60	50	55	40	45	55	45	20	45	355	350	55	3
30	335	315	355	25	325	345	80	70	300	45	295	170	65	0	225	0	305	35	180	30	30	345	350	45	1
31	50	50	60	80	35	350	115	105	80	335	65	30	35	295	50	10	225	10	265	355	140	40	40	15	3
PV	1	3	1	2	3	1	6	4	16	(VA)	14	15	9	(VA)	11	9	15	10	10	2	(VA)	2	13	16	(VA)

WIND DIRECTION ■ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	0	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	350	320	30	25	5	0	120	115	70	65	105	310	340	10	285	170	120	90	70	0	35	345	30	115	(VA)	
2	350	120	0	20	10	70	115	45	10	245	110	305	0	110	35	130	100	175	175	350	155	50	55	350	1	
3	50	25	45	330	30	330	190	110	95	65	240	70	300	285	285	300	210	330	315	285	280	115	150	65	14	
4	165	70	355	60	330	20	70	260	210	180	340	310	350	5	80	235	30	95	90	50	5	265	170	130	1	
5	5	350	55	0	355	45	350	355	0	245	5	305	250	315	265	230	355	295	310	345	350	15	355	175	1	
6	20	40	40	40	20	40	190	115	5	340	195	260	250	295	310	265	340	280	315	10	350	20	0	35	3	
7	25	50	15	155	290	90	45	250	325	300	295	300	305	310	295	315	295	160	135	70	340	285	15	115	14	
8	15	20	65	265	210	55	0	335	80	320	330	285	275	270	205	230	240	285	160	75	45	120	55	330	(VA)	
9	5	280	5	315	315	320	195	65	75	80	75	120	75	25	320	245	220	240	220	250	250	30	335	65	4	
10	190	335	210	35	5	5	260	240	110	40	60	55	70	80	25	195	225	175	165	205	235	130	0	25	(VA)	
11	125	20	10	70	45	30	105	10	310	310	40	335	260	275	290	235	250	240	270	55	150	20	35	40	3	
12	30	100	55	35	30	65	185	160	20	35	200	25	235	305	290	215	240	250	220	220	255	30	30	35	2	
13	20	30	30	10	25	45	295	95	120	55	290	265	275	275	275	295	305	310	310	315	155	35	90	25	2	
14	355	45	195	300	5	345	200	255	285	285	305	280	290	290	295	305	300	300	305	305	305	295	40	15	14	
15	25	25	10	0	25	20	185	40	175	210	265	295	280	275	285	285	290	290	300	300	215	5	20	20	14	
16	295	30	70	110	355	35	290	180	255	310	295	285	295	295	295	300	295	305	315	320	265	130	45	170	14	
17	105	20	45	50	215	270	285	270	255	285	245	235	285	335	0	75	0	15	90	35	75	60	355	125	(VA)	
18	70	45	280	300	300	285	245	275	305	305	305	315	75	100	110	30	105	195	200	275	15	190	345	20	15	
19	160	10	325	275	50	175	305	250	310	315	310	320	300	300	295	310	305	310	310	210	10	345	45	50	15	
20	335	215	35	20	0	55	100	310	285	310	30	155	130	160	235	290	300	300	300	230	30	335	350	345	14	
21	45	85	60	325	355	160	125	310	185	305	300	295	265	185	160	155	100	60	95	30	25	70	35	105	(VA)	
22	0	25	25	20	25	115	125	55	110	65	15	260	230	295	200	250	5	125	160	185	25	5	60	50	2	
23	20	50	15	15	15	305	195	145	90	30	230	205	130	110	90	110	60	75	90	15	295	70	10	35	2	
24	0	10	30	15	355	65	330	290	70	190	190	195	190	200	180	190	195	200	200	210	85	30	35	50	10	
25	125	50	45	175	170	185	175	185	205	220	250	235	245	230	285	310	290	300	305	295	300	310	20	105	(VA)	
26	35	30	170	40	20	15	125	25	355	0	290	280	320	235	240	270	290	310	230	5	120	345	45	35	(VA)	
27	20	15	5	20	20	30	130	180	325	90	270	285	235	240	245	255	245	195	215	200	185	185	120	25	2	
28	25	25	10	20	0	15	270	215	345	250	255	305	285	285	230	225	245	210	205	190	210	135	20	40	2	
29	85	75	65	50	45	60	350	320	195	290	355	210	190	210	220	205	205	230	225	200	230	340	25	55	10	
30	40	60	30	30	15	100	260	170	250	225	165	340	175	200	180	190	195	220	215	200	40	25	125	35	(VA)	
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	(VA)	
PV	2	2	(VA)	2	(VA)	(VA)	9	(VA)	15	15	14	15	14	14	14	11	14	14	15	10	(VA)	2	3	3	(VA)	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	30	35	0	335	20	55	165	270	240	260	285	285	200	195	185	205	210	200	220	220	215	120	20	55	10	
2	35	25	50	50	35	85	275	210	290	275	295	195	350	325	335	310	295	0	145	160	150	130	190	195	3	
3	200	115	5	0	80	80	130	50	320	215	225	265	180	270	315	190	265	190	25	65	245	135	30	35	(VA)	
4	0	25	245	30	50	20	145	305	0	305	295	275	280	290	215	185	120	220	295	295	290	280	290	30	14	
5	10	5	130	10	315	25	0	315	340	235	260	245	265	290	280	330	330	320	260	15	85	90	105	30	(VA)	
6	10	35	60	45	40	35	35	310	250	185	150	185	135	35	335	260	350	0	330	325	105	320	100	80	3	
7	25	20	15	140	45	120	330	240	240	280	230	205	215	165	45	70	75	50	45	65	175	115	90	140	3	
8	100	85	130	265	340	335	275	140	145	75	115	175	155	205	295	130	55	90	25	85	95	50	90	105	5	
9	0	80	190	15	50	50	105	275	15	60	155	310	60	210	200	185	210	305	15	75	105	60	185	135	4	
10	130	165	285	0	325	25	300	290	100	240	140	75	90	85	65	90	115	75	60	155	340	60	75	65	4	
11	0	50	15	195	40	30	185	250	240	85	60	65	75	110	95	100	105	20	285	0	85	135	140	290	5	
12	65	10	305	295	10	325	315	130	70	105	150	175	90	125	200	60	70	5	295	205	215	190	80	175	4	
13	10	20	120	95	45	35	60	200	210	230	300	290	55	295	260	220	235	245	285	345	25	205	30	25	(VA)	
14	25	15	355	10	20	25	75	325	290	270	265	315	315	20	260	230	245	275	295	165	255	85	340	15	2	
15	45	305	15	20	10	45	205	195	200	0	335	240	160	355	65	335	195	90	315	75	70	170	95	175	10	
16	20	70	40	15	30	10	350	10	265	95	5	45	130	130	65	290	175	355	45	100	210	340	355	35	1	
17	40	40	40	15	190	45	40	95	10	205	275	175	315	265	265	250	280	290	290	205	40	355	30	145	3	
18	45	0	90	40	30	35	105	155	330	205	305	300	300	340	195	285	290	310	190	90	145	110	40	55	3	
19	45	30	30	25	30	40	355	270	305	290	200	275	250	245	225	330	275	295	320	15	35	310	340	335	2	
20	25	25	15	35	20	30	65	160	115	170	215	230	155	200	205	260	315	315	330	145	80	340	345	160	2	
21	75	155	155	125	65	40	45	340	245	225	210	175	10	295	300	250	210	150	290	230	30	35	60	55	3	
22	0	0	25	40	105	55	315	345	330	260	295	315	275	290	25	275	325	35	30	30	40	55	50	330	3	
23	110	65	55	70	30	45	325	215	260	250	265	250	145	350	280	345	25	80	70	10	5	350	160	100	1	
24	60	20	35	20	45	50	120	190	290	245	255	15	225	260	315	350	10	335	35	355	25	85	345	335	(VA)	
25	25	40	25	25	25	45	180	220	280	135	115	205	250	255	125	335	55	70	55	95	130	340	345	45	3	
26	55	0	55	55	50	0	0	190	215	320	315	170	300	60	290	45	310	55	155	350	35	0	260	35	3	
27	30	35	35	0	35	35	300	165	275	280	315	200	65	70	310	195	210	205	200	210	210	195	270	250	10	
28	0	30	45	75	35	55	200	200	190	315	315	300	255	205	195	210	195	205	215	215	235	250	140	235	10	
29	295	95	280	185	280	0	315	265	230	295	305	280	160	95	90	300	305	25	305	95	95	10	265	5	(VA)	
30	30	25	35	50	85	135	80	310	340	240	270	250	150	140	105	120	275	270	290	215	155	45	40	50	3	
31	5	270	295	280	270	80	50	330	295	215	275	275	320	280	15	355	305	320	295	155	105	305	30	340	13	
PV	1	2	3	2	3	3	(VA)	15	12	13	13	9	8	(VA)	(VA)	16	10	15	14	5	5	(VA)	(VA)	3	(VA)	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 10

MAY, 1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-9.4	-12.	-12.	-12.	-12.	-12.	-8.3	-3.8	-1.1	.5	3.8	5.5	6.1	6.6	4.1	5.7	3.8	2.5	2.1	-.6	-2.1	-3.1	-5.1	-6.1	-2.4	6.6
2	-8.6	-10.	-11.	-11.	-12.	-12.	-9.0	-3.7	.0	3.3	6.6	7.8	4.9	4.4	6.5	6.7	7.5	7.8	6.4	3.4	2.9	2.7	1.3	-1.7	-.3	7.8
3	-7.4	-8.4	-8.4	-8.6	-11.	-11.	-7.9	-2.8	2.2	7.1	8.5	10.2	10.1	11.9	12.8	13.2	12.8	12.4	11.5	10.1	10.4	8.1	7.2	6.2	3.7	13.2
4	3.3	1.0	1.3	1.8	-.7	-.5	.9	7.0	8.6	10.4	10.1	11.6	9.1	9.8	10.9	11.2	11.2	11.3	10.6	4.4	-4.0	-7.8	-9.4	-9.7	4.3	11.5
5	-13.	-13.	-13.	-12.	-12.	-12.	-11.	-8.3	-5.7	.7	-4.0	-4.2	-8.6	-10.	-9.1	-7.1	-8.0	-10.	-9.3	-10.	-9.7	-9.5	-9.1	-9.3	-9.2	.7
6	-12.	-12.	-6.4	-14.	-13.	-13.	-10.	-8.6	-6.0	-4.4	-3.3	-1.3	-3.2	-4.2	-1.5	-1.4	-2.2	-1.6	-2.5	-2.7	-1.8	-2.1	-1.3	-.4	-5.4	-.4
7	-3.5	-4.1	-4.8	-5.1	-4.4	-3.2	-2.8	-1.0	-.3	.0	1.1	1.1	-1.9	-.5	.7	.4	.3	.0	-.8	-1.5	-1.4	-.9	-1.1	-.1	-1.4	1.1
8	-4.4	-6.7	-7.1	-7.6	-7.9	-8.1	-5.8	-1.2	1.6	4.4	5.5	6.6	5.7	6.8	6.3	7.9	7.4	7.5	6.1	4.9	2.7	4.4	1.0	-.3	1.2	7.9
9	-4.4	-5.9	-6.8	-7.3	-7.5	-8.4	-4.8	-.2	2.2	6.6	9.6	12.5	8.7	8.5	9.5	9.5	8.0	8.2	7.4	3.3	1.4	.2	-.5	-2.1	2.0	12.5
10	-5.4	-6.4	-7.0	-7.8	-8.2	-8.	-4.6	.4	2.7	6.4	11.4	13.3	12.8	13.6	15.6	15.2	15.2	15.0	14.1	8.0	4.3	2.0	2.0	.0	4.3	15.6
11	-3.4	-4.8	-5.7	-6.3	-6.5	-6.0	-.8	3.2	7.1	10.1	13.8	15.2	14.8	15.4	15.6	18.1	17.5	16.6	16.0	13.3	12.2	11.5	10.8	7.5	7.7	18.1
12	3.2	.3	-.5	-2.2	-2.1	-1.	-.0	.1	1.3	3.7	4.8	5.1	2.3	4.0	3.1	4.7	6.0	4.5	4.8	3.3	2.1	2.1	2.0	1.3	2.1	6.0
13	-2.4	-4.8	-6.4	-7.7	-7.9	-7.2	-4.2	1.3	3.8	7.0	9.6	10.3	10.0	12.1	12.6	12.7	13.0	13.5	12.9	8.6	4.2	2.6	.7	-.9	3.9	13.5
14	-2.6	-4.3	-6.0	-6.0	-6.8	-6.1	-.2	4.5	9.1	12.8	16.3	18.8	15.2	16.4	17.2	17.4	16.9	18.6	19.1	12.0	7.3	4.8	4.3	3.7	7.6	19.1
15	-.7	-2.3	-2.4	-4.3	-6.0	-4.6	-.7	5.3	9.9	15.5	19.4	20.5	18.6	19.0	22.2	23.6	24.3	22.7	21.9	17.4	16.3	13.2	9.1	7.8	11.1	24.3
16	5.7	4.3	3.2	1.9	1.0	[illegible]	.4	11.9	15.9	19.0	20.9	20.0	17.2	18.6	17.5	17.3	16.3	13.8	10.9	8.7	9.4	10.1	6.6	6.9	11.0	20.9
17	3.0	1.4	.6	.4	1.6	.5	.4	8.0	10.4	12.8	14.0	16.4	15.9	16.4	16.8	10.5	12.8	13.4	12.0	11.1	10.1	9.8	9.2	7.0	9.1	16.8
18	3.1	1.1	1.3	.9	.1	[illegible]	3.4	5.1	9.3	11.7	13.0	15.2	12.0	12.8	14.5	14.3	12.5	6.6	5.2	5.2	4.5	6.0	4.6	5.4	7.0	15.2
19	1.2	-1.8	-2.9	-2.1	-2.2	-2.2	.4	4.0	7.8	11.1	10.7	14.8	16.2	15.9	15.5	13.7	14.0	13.7	15.2	13.5	8.0	2.5	3.7	3.2	7.3	16.2
20	-2.1	-6.4	-7.1	-7.6	-7.7	-8.5	-.1	-4.8	.5	2.2	4.2	4.1	7.0	5.2	3.8	4.8	3.1	.2	-1.1	-3.4	-4.9	-4.2	-5.0	-4.7	-1.6	7.0
21	-6.8	-7.8	-7.9	-8.4	-6.8	-4.	-2.1	-3.0	-1.3	-.4	.8	.9	-.3	-.3	.9	2.1	4.5	4.4	3.9	1.1	.7	-.6	-1.6	-1.8	-1.5	4.5
22	-7.9	-7.0	-7.5	-7.4	-6.4	-5.8	-4.1	-.7	1.1	1.8	2.4	-.4	-4.1	-5.8	-5.9	-2.4	.2	.2	.1	-3.5	-2.8	-2.4	-3.8	-4.4	-3.2	2.4
23	-8.8	-8.6	-7.6	-8.2	-7.4	-7.6	-2.2	-2.1	1.3	1.9	2.4	6.0	3.6	4.1	4.8	5.4	6.2	5.3	6.3	5.1	4.3	1.6	.0	-1.6	.0	6.3
24	-6.5	-8.2	-7.9	-8.1	-8.9	-8.7	-4.0	1.9	5.3	7.1	10.4	12.2	12.0	13.2	13.8	15.1	16.3	15.8	15.6	12.6	10.3	10.4	10.8	8.0	5.8	16.3
25	3.3	3.0	2.0	.9	.6	[illegible]	.1	-.5	.3	3.7	5.2	5.9	3.3	4.8	6.4	6.6	8.0	7.4	8.3	4.4	.3	3.7	2.3	.8	3.4	8.3
26	-4.3	-6.0	-6.4	-8.2	-8.0	-7.5	-5.1	-.2	4.2	4.8	7.3	7.1	7.4	8.4	10.0	11.4	13.0	11.7	10.5	6.2	4.9	5.1	3.1	4.2	3.1	13.0
27	2.8	2.9	1.0	.9	-.2	-.7	3.5	5.6	7.4	10.2	12.6	12.8	8.6	9.0	8.4	4.9	3.2	-.2	-1.0	-.9	-.6	-.3	.5	.4	3.8	12.8
28	-3.3	-2.4	-2.7	-2.7	-2.3	-.2	-.2	.2	1.1	.9	2.8	3.8	.5	1.8	2.4	3.9	3.5	2.5	1.2	.2	.2	.2	.1	.2	.5	3.9
29	-4.9	-6.0	-6.4	-7.0	-7.4	-7.	-3.3	-1.3	-.4	.2	1.1	2.8	2.7	3.4	4.4	5.6	6.1	7.1	7.7	4.8	2.4	1.1	.0	-1.6	.1	7.7
30	-6.4	-6.9	-7.3	-7.2	-6.9	-6.1	-3.2	2.5	5.2	6.7	9.1	11.9	9.9	11.6	12.8	14.5	14.3	14.3	14.0	10.3	8.9	9.0	7.0	4.4	5.1	14.5
31	-2.1	-3.1	-2.0	-1.8	-1.7	-1.3	.0	6.1	8.1	11.9	12.4	14.4	14.7	15.2	14.8	14.4	15.0	14.7	11.3	9.8	8.1	7.1	4.8	3.4	7.3	15.2
AV	-3.4	-4.7	-4.9	-5.6	-5.9	-5.2	-.9	.8	3.6	6.1	7.8	9.1	7.5	8.0	8.6	9.0	9.1	8.4	7.8	5.1	3.5	2.8	1.7	.8	2.8	[ ]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.4	.0	.9	-.9	-.3	.4	3.7	5.6	7.0	10.5	14.7	16.8	17.7	16.8	18.3	18.6	16.4	17.2	16.3	13.7	8.0	6.2	4.9	1.8	8.9	18.6
2	.9	.4	-.7	-1.1	-1.2	-.8	2.0	6.5	9.9	10.8	14.1	19.2	19.9	20.5	19.2	15.5	15.8	14.7	14.1	13.0	9.5	7.6	7.4	7.9	9.4	20.5
3	5.0	3.8	3.3	2.3	.9	.2	1.4	3.5	4.2	7.1	10.4	14.2	18.7	19.3	19.2	15.4	15.5	15.8	13.4	9.9	4.1	4.9	3.5	2.3	8.3	19.3
4	1.7	1.1	-1.0	.0	.2	.3	3.1	5.3	7.0	8.8	9.8	11.3	12.6	12.7	15.5	15.7	16.0	16.3	13.9	10.8	8.1	7.2	4.2	5.0	7.7	16.3
5	2.7	2.2	1.0	-1.2	-2.4	.9	6.2	9.8	12.6	13.4	14.9	15.0	15.9	17.8	17.8	20.5	20.5	20.8	21.8	18.4	12.4	10.4	9.3	7.5	11.2	21.8
6	5.6	4.3	4.4	3.9	2.0	1.4	5.2	12.3	14.3	17.6	21.8	21.7	23.3	23.5	23.3	24.7	23.8	23.6	23.4	18.2	14.4	13.0	12.5	10.3	14.5	24.7
7	10.2	8.6	9.7	8.5	8.6	10.0	10.3	13.9	15.7	15.5	16.8	18.4	18.5	17.1	19.3	19.3	12.6	9.4	10.0	8.5	7.5	6.5	7.6	6.5	12.0	19.3
8	5.2	5.9	4.9	3.8	2.1	2.4	4.6	6.8	8.9	8.6	9.6	10.5	11.2	10.6	12.4	13.9	13.2	13.2	13.2	10.2	8.3	6.3	6.1	2.5	8.1	13.9
9	1.2	-1.1	-1.8	-2.9	-3.3	-2.4	-1.5	1.0	3.1	5.5	6.0	7.1	10.0	6.2	2.4	-1.5	.2	2.1	3.3	2.4	.7	-1.3	-2.1	-.9	1.4	10.0
10	-2.4	-1.8	-2.0	-4.3	-4.7	.3	3.8	5.1	6.7	6.6	6.2	1.7	8.2	7.9	6.5	4.6	5.5	6.1	6.2	4.8	3.3	1.9	.5	-.2	2.9	9.2
11	-3.6	-4.0	-5.6	-6.9	-7.9	-5.3	-.1	3.2	5.5	6.1	8.2	12.0	12.9	13.8	15.1	15.4	16.9	17.9	17.7	12.6	11.6	10.1	6.6	5.8	6.6	17.9
12	1.8	.2	-.4	-1.6	-2.4	-1.3	3.4	7.4	11.6	13.9	16.6	19.2	21.7	21.3	19.6	20.0	20.9	20.4	20.3	18.8	16.3	13.2	10.6	8.6	11.7	21.7
13	4.1	2.8	.7	1.0	-.1	1.1	5.2	10.6	14.8	17.9	20.4	22.4	21.6	23.7	23.4	23.6	22.5	20.8	20.4	18.8	17.1	15.1	13.4	10.6	13.9	23.7
14	9.7	10.1	12.6	15.7	12.6	10.6	12.7	15.9	17.2	18.3	19.6	20.6	21.1	21.6	22.1	22.9	22.9	22.2	20.5	19.3	17.9	16.6	15.7	13.3	17.2	22.9
15	8.0	6.3	3.8	2.2	1.8	2.9	7.0	11.4	16.5	18.7	19.6	21.6	22.6	23.4	23.2	23.2	22.7	22.1	22.3	20.1	16.6	13.6	11.6	13.8	14.9	23.4
16	12.4	11.6	10.2	10.2	9.7	9.3	11.9	15.2	17.2	16.9	17.5	18.1	20.3	21.2	19.7	20.0	20.1	18.9	18.1	17.7	16.3	14.4	11.5	11.5	15.4	21.2
17	8.8	8.8	9.4	9.5	8.9	7.7	9.9	10.5	12.2	11.1	11.6	14.3	16.4	17.0	16.8	17.4	15.8	15.2	13.1	14.8	12.8	11.9	10.3	8.5	12.2	17.4
18	5.9	5.9	4.8	5.0	3.9	3.2	.4	.3	2.2	2.3	2.5	2.2	-.3	1.9	1.3	2.5	5.3	7.0	4.6	1.4	.0	-.7	-2.6	-3.9	2.4	7.0
19	-5.1	-5.5	-4.8	-5.4	-4.8	-4.	- .4	3.1	3.0	4.8	6.2	7.3	7.2	8.6	7.1	6.5	6.9	7.0	6.1	4.1	2.3	.3	-.4	-.5	2.0	8.6
20	-4.0	-4.4	-5.1	-5.3	-5.8	-4.5	.2	3.0	4.5	6.8	7.3	7.7	6.5	6.9	5.8	6.0	4.9	4.3	3.3	2.9	.9	-.6	-1.0	-1.2	1.6	7.7
21	-4.1	-5.8	-7.4	-7.1	-7.5	-6.0	-2.8	2.2	4.6	5.3	7.5	9.3	11.3	10.6	5.1	4.9	6.8	7.7	8.9	7.8	4.8	2.3	.8	-1.2	2.4	11.3
22	-.4	-1.4	-2.7	-2.7	-4.0	-2.6	.7	4.3	9.3	12.1	12.1	13.7	14.4	15.4	16.3	17.6	17.5	17.1	17.1	14.9	10.8	9.3	7.6	7.3	8.5	17.6
23	3.4	1.1	-.8	-1.8	-1.7	-1.2	2.9	7.2	11.6	15.2	17.1	17.0	12.6	17.0	20.3	22.1	21.8	20.5	19.9	17.2	11.9	9.0	7.5	4.5	10.6	22.1
24	2.0	1.8	1.4	-.1	-1.1	-.	3.9	8.4	15.0	19.4	21.5	22.8	24.1	24.2	25.2	26.1	26.1	26.8	25.9	22.5	18.3	14.6	12.0	9.1	14.6	26.8
25	5.3	5.3	5.8	12.3	13.7	13.5	14.0	15.6	15.5	15.0	12.2	10.6	8.3	12.3	13.9	10.5	10.0	7.4	6.2	4.1	3.7	2.9	.5	-2.2	9.0	15.6
26	-5.1	-5.9	-6.1	-6.4	-8.2	-6.6	-2.0	1.7	3.9	7.4	10.1	11.3	11.6	13.4	15.3	15.9	15.4	16.0	17.9	13.5	8.2	6.0	3.9	2.8	5.6	17.9
27	-1.1	-2.2	-2.7	-3.6	-5.1	-3.	.7	5.0	9.5	13.9	17.0	18.3	25.0	25.9	26.3	26.1	25.8	26.6	25.7	23.8	19.0	16.1	14.4	12.1	13.1	26.5
28	8.6	6.0	4.1	3.0	3.0	3.0	7.6	11.9	16.0	20.1	21.8	23.4	24.8	25.8	26.9	27.9	27.7	27.3	26.7	22.1	20.3	18.4	14.3	11.5	16.7	27.9
29	8.6	6.9	5.8	4.6	4.8	5.2	8.4	12.5	18.0	23.6	25.8	27.4	27.0	28.7	28.8	29.4	29.3	28.7	27.0	24.6	21.0	19.5	14.7	13.2	18.5	29.4
30	8.6	7.2	5.6	4.4	3.6	3.3	7.8	13.9	19.1	23.5	26.7	28.9	29.6	30.7	29.0	29.9	29.0	28.9	28.4	26.3	19.4	16.0	12.4	10.2	18.4	30.7
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	3.1	2.3	1.6	1.2	.5	1.5	4.3	7.8	10.6	12.6	14.2	15.5	16.5	17.2	17.2	17.2	16.9	16.7	16.2	13.9	10.9	9.0	7.3	5.9	10.0	( )

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	8.8	8.6	6.6	5.3	4.1	4.2	6.2	11.8	18.1	22.4	26.5	29.6	29.5	30.6	31.0	31.5	31.7	31.4	30.2	28.3	24.6	21.0	17.7	14.7	19.8	31.7
2	12.1	10.6	9.7	8.2	7.1	7.3	10.8	15.9	18.8	22.3	24.9	28.8	29.0	29.4	27.4	28.0	28.1	27.1	25.9	25.0	22.8	22.9	21.2	18.5	20.1	29.4
3	17.3	16.3	13.0	12.4	12.1	11.9	13.3	17.7	22.3	24.9	26.0	26.0	24.9	23.9	23.5	24.8	26.4	24.9	23.6	18.5	16.7	14.4	12.4	10.8	19.1	26.4
4	10.3	9.7	9.5	8.2	6.7	5.6	8.2	12.0	16.6	17.2	17.6	19.4	21.9	24.4	24.7	25.3	27.3	26.1	22.7	22.5	21.4	19.5	19.7	18.2	17.3	27.3
5	14.2	13.3	12.1	12.0	10.7	9.3	11.1	16.6	18.5	21.5	20.8	22.5	24.1	25.5	25.1	25.8	26.0	26.0	25.4	24.8	20.6	17.4	15.3	15.7	18.9	26.0
6	13.5	11.0	9.6	8.3	7.7	6.5	10.0	13.8	17.1	20.7	22.4	23.7	24.9	27.0	27.9	29.2	28.7	26.9	24.9	24.0	22.0	19.4	17.1	14.0	18.8	29.2
7	10.9	10.2	9.1	8.0	7.7	7.3	9.8	13.6	17.1	21.9	24.6	27.8	29.0	31.0	28.7	29.5	29.2	27.7	27.5	25.0	23.4	20.9	19.6	18.0	19.9	31.0
8	17.9	16.0	13.8	12.8	12.0	11.4	13.5	16.9	19.3	21.5	22.4	25.2	30.0	31.6	30.9	25.1	19.4	18.9	18.6	19.1	17.9	16.4	15.5	14.8	19.2	31.6
9	14.3	14.2	13.8	14.0	14.2	14.2	14.4	16.6	20.5	22.8	24.9	27.6	27.5	26.1	25.8	26.6	25.9	26.1	23.0	19.3	17.1	16.0	15.4	15.5	19.8	27.6
10	15.0	13.0	11.7	12.1	11.5	9.8	12.6	16.6	19.7	23.1	24.3	24.5	26.5	28.4	28.2	28.1	27.1	27.5	25.1	23.6	22.4	21.3	20.5	18.0	20.4	28.4
11	15.9	14.5	12.5	10.0	8.6	8.2	11.2	14.6	19.0	21.2	22.7	24.2	26.5	27.9	27.7	26.6	27.0	22.5	24.1	22.5	20.1	19.5	17.7	15.9	19.2	27.9
12	14.3	13.8	13.7	11.4	9.5	8.3	10.9	13.6	15.8	18.8	22.3	23.8	25.4	26.8	28.1	29.2	28.5	27.6	25.9	22.8	21.6	19.8	18.8	17.2	19.5	29.2
13	16.0	14.4	13.7	12.8	12.7	13.3	15.8	19.8	22.3	23.0	23.8	21.2	18.6	23.7	20.5	22.6	22.4	21.1	20.5	17.1	15.8	15.7	14.2	11.0	18.0	23.8
14	9.7	9.6	9.2	8.8	7.3	6.1	9.6	13.8	17.7	19.7	23.4	25.3	26.5	27.5	26.7	27.2	28.1	27.4	23.3	22.8	20.9	19.8	18.5	16.1	18.5	28.1
15	15.9	14.1	12.9	11.3	10.8	9.7	10.1	12.9	20.0	23.4	24.5	22.6	19.2	15.8	17.7	16.4	14.3	15.4	15.7	15.5	15.1	12.7	11.1	9.8	15.3	24.5
16	10.8	10.8	10.4	9.0	7.1	8.3	9.3	10.2	11.5	10.2	11.8	10.5	12.7	14.8	17.0	12.6	6.2	5.4	5.7	5.8	5.3	5.0	5.0	5.4	9.2	17.0
17	3.4	2.3	3.2	4.4	2.2	.8	3.3	6.3	9.8	12.1	14.3	15.3	19.2	22.3	23.1	22.6	23.7	22.5	22.8	20.3	16.0	14.6	12.8	11.9	12.9	23.7
18	13.3	11.8	11.0	10.1	8.9	8.6	10.8	14.3	18.6	21.9	23.1	24.7	24.3	25.6	27.3	28.5	28.1	27.6	25.3	23.6	19.6	17.3	16.6	15.7	19.0	28.5
19	12.2	11.3	11.0	10.0	8.4	7.7	10.8	15.9	19.5	23.4	23.8	25.2	27.4	28.1	29.2	29.7	29.8	28.2	27.7	25.0	23.0	20.0	18.5	18.0	20.2	29.8
20	14.8	13.8	13.5	11.9	11.7	11.8	11.1	12.5	19.4	22.2	26.0	28.6	29.2	27.1	27.7	28.9	27.7	26.7	25.8	22.1	20.3	18.7	17.4	17.2	20.3	29.2
21	16.7	16.3	16.0	13.5	11.3	11.2	13.5	14.4	17.5	20.6	24.7	26.5	26.5	27.5	25.5	20.5	19.5	18.6	20.1	16.8	12.6	10.9	9.3	9.5	17.5	27.5
22	7.3	6.9	6.4	5.3	5.7	7.7	10.7	13.2	17.2	20.8	23.1	25.5	26.4	28.3	27.8	27.8	28.0	27.0	26.5	23.3	21.4	19.9	17.8	17.2	18.4	28.3
23	10.4	10.7	10.2	8.6	7.2	7.3	11.9	16.5	19.6	22.9	26.5	24.5	27.2	27.3	27.7	27.8	27.1	26.3	26.5	24.7	21.6	17.3	16.0	15.5	19.2	27.8
24	12.0	9.7	8.9	8.1	6.8	7.0	10.0	14.1	17.7	20.0	23.5	25.2	25.3	26.6	26.7	26.9	27.6	27.0	24.9	23.0	19.6	16.6	16.3	14.1	18.2	27.6
25	11.5	9.9	8.5	8.0	8.0	6.2	9.3	13.7	16.4	21.6	25.5	27.0	26.9	26.9	27.1	27.1	26.5	26.5	26.1	23.2	20.8	18.8	16.0	13.9	18.6	27.1
26	10.5	9.5	7.8	6.6	5.2	4.9	9.5	12.8	18.5	20.7	23.3	25.8	26.3	27.1	28.4	28.2	28.7	27.8	26.1	24.1	20.2	18.3	16.1	14.8	18.4	28.7
27	13.0	11.3	9.7	8.4	7.8	7.4	10.2	15.0	18.5	21.3	24.8	27.6	27.4	28.5	28.0	29.0	29.1	28.7	26.6	23.9	21.7	19.8	17.7	17.3	19.7	29.1
28	16.0	13.9	12.1	10.2	8.7	8.6	11.3	15.7	21.0	22.5	24.6	27.4	26.9	28.3	28.1	28.1	26.7	26.8	25.2	22.2	20.5	21.2	20.1	20.2	20.3	28.3
29	16.7	17.2	16.8	16.1	16.2	15.7	15.8	18.8	19.9	20.2	20.7	21.2	15.5	16.2	19.0	21.9	16.6	12.9	11.8	9.3	10.0	9.0	8.0	9.1	15.6	21.9
30	8.8	7.5	7.0	6.4	7.2	6.5	7.6	11.3	16.9	18.1	19.6	20.5	16.8	16.7	20.7	22.9	23.6	23.0	21.5	18.5	16.3	14.6	13.0	11.2	14.8	23.6
31	10.2	11.8	13.0	10.6	9.7	7.7	9.3	11.0	14.8	17.8	18.3	19.0	17.5	19.5	20.0	19.7	19.6	18.3	12.1	10.7	10.6	11.6	10.1	6.9	13.7	20.0
AV	12.7	11.7	10.9	9.8	8.9	8.4	10.7	14.3	18.1	20.7	22.7	24.1	24.5	25.5	25.7	25.7	25.1	24.2	22.9	20.9	18.8	17.1	15.7	14.4	18.1	( )

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	7.5	7.0	6.0	6.0	5.0	6.0	5.5	4.5	3.0	4.5	6.0	6.5	7.5	7.0	10.0	7.0	13.5	16.5	13.5	3.5	5.0	7.0	10.0	6.0	7.5	16.5
2	5.0	5.0	6.0	4.0	4.5	6.0	5.5	5.0	4.0	6.0	4.0	5.5	8.5	11.0	10.5	9.0	8.0	8.5	6.5	5.0	7.0	7.0	5.5	9.0	6.5	11.0
3	13.0	10.0	6.5	7.5	7.0	6.5	6.0	4.0	3.5	6.0	7.5	9.0	8.0	10.0	9.5	11.5	10.0	12.0	10.5	9.5	12.0	15.5	12.5	13.5	9.0	15.5
4	16.5	11.0	16.0	10.0	8.5	17.5	12.0	16.5	19.5	22.0	22.0	28.0	23.5	20.0	22.5	22.5	22.0	22.5	18.0	15.0	22.5	23.0	17.0	9.5	18.0	28.0
5	1.5	1.0	2.0	4.0	5.5	6.0	7.5	4.0	4.5	4.0	5.0	9.0	9.0	7.0	8.5	9.5	6.5	8.0	4.0	6.0	9.5	5.5	5.5	5.5	6.0	9.5
6	5.5	6.0	5.5	5.5	5.0	7.0	.0	8.0	7.5	8.0	8.5	9.5	10.5	10.0	8.5	10.5	12.0	11.0	11.0	8.5	9.0	9.5	13.5	11.5	9.0	13.5
7	12.0	13.0	10.0	10.0	15.0	12.5	11.0	10.5	10.0	10.0	9.0	14.0	15.5	14.5	11.5	12.5	10.5	9.5	9.5	8.5	10.5	8.0	4.5	6.0	11.0	15.5
8	4.0	6.0	6.0	4.0	2.0	3.0	3.0	3.0	3.5	6.5	7.0	10.5	12.5	6.0	8.0	11.5	6.5	10.5	4.0	9.0	6.5	10.5	7.0	6.0	6.5	12.5
9	9.5	10.5	6.5	7.0	6.0	5.5	4.5	5.0	4.5	6.0	4.0	6.0	9.0	14.0	8.5	7.0	16.0	9.5	2.5	3.0	7.0	5.0	10.0	9.5	7.5	16.0
10	7.5	4.0	3.0	5.5	3.5	3.5	5.5	5.5	4.5	5.0	5.0	4.0	8.5	11.0	13.0	9.5	9.5	8.0	4.0	2.5	3.5	4.0	5.5	4.0	6.0	13.0
11	4.5	4.5	5.5	5.0	5.5	3.0	.5	4.5	3.0	3.5	5.0	5.0	7.0	8.0	9.0	5.0	7.0	10.0	7.0	4.5	11.5	11.5	13.5	24.0	7.0	24.0
12	23.0	21.5	22.5	24.5	15.5	7.5	.0	10.0	15.0	9.5	5.0	7.5	9.5	4.5	6.0	7.5	3.5	8.0	10.0	7.0	6.0	6.5	3.5	3.0	10.0	24.5
13	2.5	3.0	5.0	4.5	3.0	7.0	.5	5.0	5.0	4.0	5.0	5.0	6.5	5.0	6.5	7.0	3.5	4.0	3.5	3.5	7.0	10.0	12.0	10.0	5.5	12.0
14	9.0	7.0	4.0	7.0	7.0	6.0	.5	5.5	2.5	5.0	2.5	3.5	8.0	7.0	8.0	6.5	6.5	2.5	5.5	3.5	6.5	11.0	11.5	8.5	6.0	11.5
15	8.0	4.5	6.5	5.0	6.0	5.0	.5	4.5	2.0	4.5	6.0	7.5	5.0	7.0	17.0	7.0	5.5	17.5	14.0	8.0	12.5	8.0	10.0	13.5	8.0	17.5
16	12.5	10.0	5.0	6.5	5.0	4.0	3.0	5.5	5.5	12.5	11.5	11.0	11.5	13.5	8.5	20.5	14.5	10.5	10.5	7.5	4.5	7.0	10.0	4.5	9.0	20.5
17	9.0	17.0	10.5	4.0	3.5	6.5	.5	4.0	6.0	6.0	8.5	10.0	10.5	9.5	5.5	11.5	14.0	7.5	4.0	5.0	6.5	9.5	9.0	11.0	8.0	17.0
18	6.0	4.0	5.5	5.0	6.5	4.5	.0	4.0	7.0	8.5	11.5	13.0	13.5	12.0	12.0	17.0	17.0	11.5	15.0	19.5	18.5	16.5	9.5	3.0	10.5	19.5
19	2.0	2.5	3.5	3.5	6.0	7.5	4.0	5.0	5.5	6.5	11.5	5.5	11.0	16.0	13.5	14.0	12.0	19.0	19.5	17.5	18.5	18.5	6.5	4.5	9.5	19.5
20	7.0	22.0	11.0	6.5	3.0	7.0	.5	7.5	6.0	4.0	5.5	14.5	12.5	17.0	18.5	8.0	5.5	14.0	14.0	18.5	18.0	3.5	7.0	5.0	10.0	22.0
21	3.5	7.5	8.5	5.5	12.0	17.5	[illegible]	8.0	12.5	15.0	10.5	9.5	7.5	7.5	8.0	9.5	11.5	11.0	8.5	10.5	10.0	9.0	4.5	3.5	9.0	17.5
22	4.0	4.0	4.5	3.5	3.0	2.0	.5	3.0	7.0	5.5	7.0	10.0	9.0	11.0	16.0	8.0	5.5	4.0	6.5	6.0	8.0	4.0	8.5	5.5	6.5	16.0
23	5.0	8.0	7.0	4.5	5.5	6.0	.0	8.0	3.5	6.0	7.5	9.5	12.0	12.5	9.5	8.5	6.0	7.0	8.5	5.5	4.5	5.0	5.0	5.5	7.0	12.5
24	4.0	6.0	6.0	6.5	7.0	8.5	.5	4.0	3.5	5.0	8.0	8.5	9.0	11.5	13.0	10.0	10.0	10.0	9.0	10.0	15.0	14.0	13.5	16.0	9.0	16.0
25	6.0	6.5	14.5	12.5	14.0	11.0	.0	13.5	20.0	8.0	7.0	10.0	8.5	8.5	5.5	7.0	7.5	7.0	7.5	5.5	2.5	6.0	12.5	10.0	9.5	20.0
26	4.5	6.0	7.5	6.0	9.0	3.	.5	2.5	4.5	4.0	5.0	5.5	6.5	8.0	6.5	7.5	5.5	4.5	3.0	2.5	5.0	10.0	3.5	9.5	5.5	10.0
27	10.0	16.0	12.0	8.5	9.5	2.5	3.0	2.5	3.0	3.5	6.0	5.5	11.5	15.5	5.5	8.0	15.5	14.0	5.0	4.0	3.5	3.0	3.5	6.0	7.5	15.0
28	10.5	5.5	3.5	3.5	4.0	6.0	7.5	2.5	4.5	9.5	8.0	3.0	6.0	5.5	8.5	6.0	9.0	8.5	9.5	7.0	10.5	8.5	5.5	3.0	6.5	10.5
29	5.0	6.5	5.5	2.5	5.5	5.0	.0	12.0	9.5	9.5	9.0	11.0	9.5	11.0	11.0	10.5	8.5	6.0	6.0	5.0	4.0	4.0	2.5	3.5	7.0	12.0
30	4.0	5.0	3.5	5.0	6.0	4.0	6.5	4.5	3.0	3.0	4.5	3.5	4.0	4.5	5.0	3.5	4.5	3.5	3.0	3.5	5.5	6.5	8.5	4.5	4.5	8.5
31	6.0	8.5	8.0	9.5	2.5	8.5	.0	4.0	5.5	3.0	4.0	3.0	5.0	8.0	8.5	7.5	4.0	4.0	8.0	8.0	5.5	8.5	3.5	3.5	6.5	9.5
AV	7.5	8.0	7.5	6.5	6.5	6.5	7.0	6.0	6.5	7.0	7.5	8.5	9.5	10.0	10.0	9.5	9.5	9.5	8.5	7.5	9.0	9.0	8.0	7.5	8.0	I I

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	0	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.5	5.5	7.0	6.5	6.5	13.	.5	5.5	7.0	5.0	4.5	5.5	6.5	8.5	4.0	6.0	5.5	5.0	4.0	3.0	6.0	8.5	8.0	6.0	6.5	13.0
2	3.5	6.5	5.5	4.5	5.0	4.	.0	4.0	6.0	5.5	5.5	6.5	5.0	5.0	5.5	9.0	5.0	4.0	4.0	9.5	9.5	4.0	6.0	6.5	5.5	9.5
3	4.5	3.0	3.5	6.0	4.5	9.	.0	4.0	4.0	3.5	4.0	5.5	11.0	13.0	23.0	29.5	8.0	7.0	10.5	16.5	15.0	7.0	9.5	18.5	9.5	29.5
4	3.0	3.0	5.0	6.0	6.5	4.5	.5	3.5	2.5	5.0	4.5	6.0	7.0	5.5	7.5	6.5	4.5	3.5	3.0	3.5	6.0	6.5	2.5	3.5	4.5	7.5
5	6.5	3.5	6.0	6.0	7.0	9.	.0	3.5	5.5	4.5	4.5	6.0	7.0	7.0	6.0	7.0	6.5	6.0	3.5	3.0	5.0	10.0	10.0	7.5	6.0	10.0
6	4.5	6.5	5.5	5.5	9.5	6.0	.5	3.0	4.5	5.5	6.0	6.5	8.5	9.5	10.0	9.5	8.5	7.0	2.5	4.0	5.5	16.0	9.0	7.0	7.0	16.0
7	6.5	5.0	4.5	4.5	4.5	6.	4.5	8.0	12.5	17.0	12.0	7.5	10.5	15.5	8.0	9.0	21.0	13.0	14.0	6.5	4.5	12.0	3.5	5.0	9.0	21.0
8	3.5	2.5	2.5	4.5	6.0	7.	.0	3.5	3.5	4.0	5.0	7.5	3.5	4.5	4.5	5.0	5.0	7.5	6.5	6.5	9.0	9.5	7.5	7.0	5.5	9.5
9	4.5	5.0	5.0	5.0	5.0	9.	.0	10.0	10.0	10.0	12.5	7.0	6.5	14.0	14.5	17.0	9.5	5.0	3.5	4.0	2.0	2.5	3.5	4.0	7.5	17.0
10	4.0	6.5	3.0	3.0	5.0	3.0	.5	5.0	5.0	4.5	7.5	7.5	6.5	7.0	8.5	5.0	7.0	4.5	4.0	5.0	8.5	5.5	4.0	4.5	5.5	8.5
11	5.5	7.0	8.0	11.5	5.0	8.	.0	6.5	5.5	6.0	7.0	7.0	8.0	6.5	8.0	9.0	8.0	5.5	3.0	4.5	9.5	9.5	5.5	5.5	7.0	11.5
12	7.0	7.5	5.5	4.0	6.5	6.	.5	4.0	5.0	7.0	6.5	5.5	6.5	8.5	11.5	9.0	9.5	6.5	5.5	5.0	10.0	8.5	5.5	6.0	7.0	11.5
13	5.0	5.5	4.5	4.5	7.0	8.	5.5	3.0	3.5	3.5	6.5	12.5	16.5	13.5	15.5	18.0	26.0	22.5	17.5	14.5	6.5	5.5	4.5	7.0	10.0	26.0
14	5.5	4.0	17.0	16.0	7.0	2.	3.0	8.0	11.5	12.0	16.5	17.0	15.5	16.0	16.5	17.0	22.5	26.0	24.0	20.5	17.0	15.0	5.0	3.5	13.5	26.0
15	6.5	10.5	9.5	7.5	7.5	8.5	6.0	2.5	6.0	7.5	8.5	14.5	18.0	20.0	22.5	20.0	22.5	23.0	17.0	9.5	5.0	6.5	7.0	4.5	11.5	23.0
16	7.5	2.5	4.5	6.0	3.5	4.	5.5	4.0	7.5	9.5	14.5	14.0	16.5	28.0	34.5	31.0	28.0	26.0	26.5	18.5	7.0	4.5	5.0	9.0	13.0	34.5
17	5.0	6.0	6.5	7.5	5.5	5.	.0	5.5	3.5	6.5	7.0	5.5	5.5	5.0	5.0	4.0	8.0	15.5	9.5	4.0	6.0	8.0	15.0	5.0	7.0	15.5
18	11.5	10.0	7.5	10.5	10.0	8.	.0	9.5	19.5	19.5	19.5	10.5	5.5	12.0	20.0	21.5	17.5	16.0	15.5	14.0	7.5	5.5	3.0	3.0	12.0	21.5
19	3.5	3.5	3.0	2.5	3.0	6.	.0	8.5	12.0	11.5	18.0	14.0	12.0	13.5	20.5	17.5	14.5	17.5	14.5	6.0	6.0	7.0	6.0	4.5	10.0	20.5
20	3.5	2.5	2.5	3.5	6.0	5.	.5	7.5	2.5	2.5	8.5	20.0	16.5	13.0	9.0	14.0	19.0	15.0	9.5	4.5	3.0	3.5	4.0	5.5	7.5	20.0
21	5.5	3.0	3.0	5.0	4.0	2.5	.5	5.0	6.0	6.0	7.0	12.0	7.5	13.5	10.5	12.5	11.5	8.5	4.0	4.5	6.0	7.5	13.0	9.5	7.0	13.5
22	8.0	7.5	10.0	8.5	5.5	5.	.0	3.5	4.5	5.0	5.5	4.5	6.0	6.5	7.0	8.0	9.5	7.0	7.0	6.5	8.0	10.5	9.0	6.5	7.0	10.5
23	6.0	9.0	12.0	10.5	10.5	7.	.5	4.5	3.0	4.0	4.0	5.5	11.0	7.5	4.0	6.0	4.0	3.0	3.5	4.5	6.5	6.5	6.0	10.0	6.5	12.0
24	12.5	12.0	7.0	2.5	3.0	2.	.5	8.0	16.0	20.5	19.0	20.0	21.5	21.0	22.5	22.5	22.0	17.0	15.0	10.5	9.5	5.0	6.0	8.0	13.0	22.5
25	5.5	10.0	13.5	14.0	15.5	17.	5.0	15.0	20.5	17.5	13.5	12.0	10.5	8.0	14.0	25.5	27.0	32.0	24.0	17.0	16.0	14.0	6.0	4.0	15.5	32.0
26	3.5	7.5	6.5	10.0	7.5	10.	7.5	6.0	7.5	5.0	7.0	5.5	7.5	6.0	5.0	7.5	7.0	5.5	4.5	2.5	3.5	6.5	9.5	10.0	6.5	10.5
27	10.5	12.0	7.5	5.0	3.5	2.	2.5	2.5	4.0	4.0	7.5	10.0	13.0	13.5	13.0	12.5	13.0	12.5	14.0	12.0	9.0	11.0	9.0	5.5	8.5	14.0
28	6.0	6.0	5.0	4.0	5.5	8.	5.0	3.5	6.0	4.0	7.0	9.0	8.0	11.0	9.5	11.0	10.5	11.0	9.0	9.0	11.0	7.5	14.5	14.5	8.0	14.5
29	13.0	8.0	4.5	2.5	3.0	3.	.5	4.0	4.5	3.5	17.0	14.0	12.5	14.0	14.5	14.0	11.0	11.5	8.0	9.5	12.0	10.0	7.5	10.5	9.0	17.0
30	9.0	5.0	2.5	3.5	3.0	2.	.0	2.5	5.0	4.5	5.0	13.5	15.0	15.5	16.0	14.0	10.5	9.5	10.0	9.0	10.0	10.5	10.5	12.5	8.5	16.0
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	6.0	6.0	6.5	6.5	6.0	6.	.5	5.5	7.0	7.5	9.0	9.5	10.0	11.5	12.5	13.5	12.5	12.0	10.0	9.5	8.0	8.0	7.0	7.0	8.5	( )

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A II

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	14.5	15.0	16.0	11.0	6.0	4.0	2.5	4.5	6.5	4.0	5.5	15.0	15.5	14.0	13.0	12.5	11.5	12.0	9.0	7.0	7.0	9.5	20.0	15.5	10.5	20.0
2	14.5	15.0	8.5	3.5	4.5	5.5	5.5	5.5	6.5	8.0	7.5	7.0	9.5	7.5	11.5	12.5	14.0	15.5	15.0	16.0	15.0	12.0	15.0	7.0	10.0	16.0
3	4.5	5.5	2.5	10.0	6.0	4.5	8.5	9.0	8.0	7.0	7.0	7.0	7.0	11.0	15.0	6.0	5.0	3.0	6.5	7.5	7.0	4.0	3.5	3.0	6.5	15.0
4	3.0	2.5	5.0	4.0	4.5	4.5	2.5	4.0	4.0	6.5	9.0	11.5	12.5	11.5	9.5	9.0	10.5	8.5	15.0	9.0	8.0	3.5	4.5	5.0	7.0	15.0
5	6.5	3.5	8.0	11.0	5.0	3.5	4.0	4.0	4.5	5.0	5.5	9.5	8.5	8.5	11.0	16.0	14.0	10.5	3.0	6.0	12.5	14.5	7.0	5.0	8.0	16.0
6	3.5	2.5	3.0	5.5	5.0	5.0	6.5	4.0	4.5	5.5	5.5	6.0	5.5	5.0	6.5	5.5	5.0	8.0	11.0	6.5	4.0	3.0	3.5	6.0	5.5	11.0
7	5.0	5.5	10.0	7.0	6.5	6.0	6.5	5.5	3.5	4.5	5.5	6.0	8.0	8.0	8.5	9.0	7.0	5.0	5.5	4.5	8.0	5.0	5.0	8.5	6.5	10.0
8	8.5	6.5	8.5	9.0	5.0	6.0	4.0	4.5	4.0	5.5	6.0	5.5	6.0	8.0	7.5	11.0	10.0	6.5	8.5	10.0	6.5	8.5	4.5	3.0	7.0	11.0
9	4.5	4.5	6.0	9.0	7.0	9.5	7.0	5.0	4.5	4.0	5.5	8.5	10.0	12.0	12.0	7.0	5.0	6.0	9.0	6.5	6.5	6.0	3.0	3.0	6.5	12.0
10	2.5	3.0	3.0	6.0	4.5	5.5	3.5	3.5	5.0	4.5	6.5	6.0	6.0	7.0	8.0	6.5	5.0	4.5	6.5	7.0	3.5	4.0	4.0	8.0	5.0	8.0
11	4.5	5.0	4.5	3.0	2.5	3.5	3.0	6.0	5.5	5.5	6.5	7.0	8.5	6.0	7.0	8.5	7.0	14.5	9.5	5.5	5.0	5.0	4.0	2.5	6.0	14.5
12	5.5	3.5	2.5	2.5	5.0	4.5	3.5	3.5	3.0	5.5	7.0	7.5	7.0	8.0	8.0	6.5	5.0	5.5	8.0	11.0	7.0	5.5	6.0	4.5	5.5	11.0
13	6.0	7.5	6.0	6.5	7.0	7.0	7.5	9.5	6.5	7.5	9.0	10.5	5.5	7.5	10.0	6.5	7.0	11.5	12.5	6.5	5.0	6.0	2.5	3.5	7.5	12.5
14	7.5	8.0	7.0	5.5	9.5	8.5	3.5	3.5	6.0	6.5	6.5	5.5	5.5	6.5	7.5	8.0	6.0	11.5	20.5	9.5	5.5	12.0	13.0	16.0	8.5	20.5
15	12.0	3.5	5.5	3.5	3.0	6.5	10.0	11.0	8.0	6.0	6.5	8.0	7.5	6.5	9.5	7.5	3.5	5.0	2.5	8.5	7.0	3.5	4.0	7.0	6.5	12.0
16	10.0	11.0	9.0	5.0	3.5	2.5	3.0	3.5	10.5	6.0	4.5	11.5	15.5	16.0	13.0	16.0	11.5	4.0	9.0	15.0	19.5	12.5	5.0	5.0	9.5	19.5
17	5.0	3.0	4.0	6.0	2.5	4.0	4.5	2.5	3.5	6.0	8.0	6.0	7.5	12.0	14.0	12.0	9.0	8.0	6.0	6.0	8.0	9.5	8.0	4.5	6.5	14.0
18	4.5	8.5	4.0	3.0	5.0	3.5	4.5	3.5	4.5	4.5	8.5	8.5	7.0	8.5	7.0	7.0	8.5	7.5	5.0	8.0	4.5	8.5	7.5	4.5	6.0	8.5
19	6.5	6.0	5.0	5.5	6.0	6.0	6.0	3.0	4.5	4.5	9.0	8.5	7.0	9.5	9.0	7.5	7.0	7.5	7.5	5.0	3.0	3.5	4.5	3.5	6.0	9.5
20	3.0	4.5	7.0	5.5	5.0	5.0	2.5	2.5	4.0	5.5	5.5	5.5	5.0	11.0	5.5	9.0	20.0	17.0	9.5	4.5	10.0	12.5	7.5	4.5	7.0	20.0
21	13.0	11.5	9.0	5.0	6.0	2.5	5.0	3.0	4.0	6.0	5.0	6.5	6.0	6.0	13.0	17.0	7.5	14.5	7.5	6.0	4.5	2.5	3.5	3.0	7.0	17.0
22	5.5	8.0	6.0	6.5	4.5	9.0	9.5	5.5	3.5	4.5	5.5	6.5	9.0	10.0	9.5	9.5	7.5	9.0	7.0	4.5	5.0	3.5	3.5	3.0	6.5	10.0
23	5.5	3.5	4.0	3.5	4.5	3.5	4.0	3.0	5.0	5.5	7.0	8.0	7.0	8.0	10.0	11.0	13.0	5.5	4.0	4.0	3.5	2.5	3.0	2.5	5.5	13.0
24	4.0	4.0	5.5	6.0	6.0	5.5	5.5	4.0	5.5	4.5	6.5	5.0	9.0	8.5	9.5	9.5	8.0	10.0	9.0	4.0	2.5	3.0	7.0	4.0	6.0	10.0
25	6.0	6.0	10.0	5.5	6.5	7.5	8.0	3.0	4.5	4.0	3.5	8.0	9.5	9.0	10.0	7.0	10.5	4.5	4.5	3.0	13.5	13.5	7.5	6.0	7.0	13.5
26	3.0	3.5	4.0	6.0	5.5	5.5	6.0	4.0	4.5	7.0	6.0	8.0	6.5	7.5	6.5	9.5	5.5	9.5	10.5	5.0	5.5	9.0	10.0	3.0	6.5	10.5
27	6.0	4.0	2.5	2.5	3.0	5.0	5.5	2.5	4.5	6.5	6.5	5.0	6.0	7.5	11.5	8.5	9.5	6.0	6.0	6.5	9.0	14.0	12.5	11.0	6.5	14.0
28	8.0	2.0	2.5	2.0	2.5	2.5	3.0	3.0	4.0	8.5	10.5	8.5	7.5	9.0	11.0	10.0	16.5	13.0	10.0	10.0	8.0	6.5	7.0	7.5	7.0	16.5
29	8.5	8.5	9.0	7.0	7.0	4.5	5.0	9.0	9.5	7.5	7.0	8.5	11.5	5.5	5.0	3.5	14.5	14.0	8.0	4.5	6.5	4.0	4.0	4.5	7.5	14.5
30	7.0	7.0	3.0	3.5	3.0	5.0	7.5	9.0	6.5	6.0	6.0	5.5	13.0	9.5	6.5	3.5	7.5	10.0	8.5	5.5	8.0	8.5	8.0	9.0	7.0	13.0
31	9.0	11.5	8.5	8.5	4.5	2.5	4.0	6.0	7.0	5.5	8.0	12.5	8.5	8.0	3.5	6.0	12.0	10.0	16.0	5.0	9.5	9.0	3.5	2.0	7.5	16.0
AV	6.5	6.0	6.0	5.5	5.0	5.0	5.0	5.0	5.5	5.5	6.5	8.0	8.5	9.0	9.5	9.0	9.0	9.0	8.5	7.0	7.5	7.0	6.5	5.5	7.0	( )

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	115	115	95	95	110	90	95	80	330	280	290	295	265	185	75	290	265	290	275	320	130	115	135	100	5
2	110	85	90	85	90	95	90	85	300	285	310	315	260	260	285	285	300	275	300	340	300	290	130	180	14
3	140	130	115	100	105	11	110	100	80	0	305	305	255	225	220	200	195	195	190	160	145	155	160	150	(VA)
4	135	115	125	135	120	120	130	145	150	155	155	150	145	140	150	150	150	150	150	180	295	300	305	300	8
5	160	145	180	130	125	15	115	165	305	305	310	295	265	160	115	135	175	270	250	270	260	130	155	190	(VA)
6	185	175	165	175	165	170	160	160	185	195	205	170	200	225	195	205	210	215	215	260	185	190	170	190	9
7	165	155	165	170	165	16	160	165	165	180	185	175	165	175	215	235	210	235	255	255	260	215	180	165	8
8	120	105	120	170	125	45	140	70	285	270	270	270	265	250	240	300	275	265	255	270	180	215	220	135	13
9	140	130	100	100	115	11	110	45	290	305	290	300	230	100	105	305	285	345	25	95	145	155	145	145	7
10	100	135	90	105	105	9	105	85	310	305	305	300	290	290	295	295	295	285	315	65	110	100	115	115	14
11	30	150	105	110	105	80	110	50	315	315	285	305	305	295	295	310	235	240	210	180	175	170	90	295	15
12	280	285	290	280	265	25	230	280	290	280	350	340	340	355	25	65	0	30	80	105	130	115	5	260	13
13	190	120	110	105	50	110	130	115	110	35	0	50	310	330	295	240	180	5	55	110	110	125	125	115	6
14	110	115	115	110	115	115	105	55	305	305	290	315	280	325	310	310	290	295	150	115	100	135	135	140	6
15	210	100	100	100	110	10	90	350	330	290	285	300	315	330	125	145	185	130	125	130	160	135	135	145	7
16	130	150	240	215	135	12	150	295	305	175	160	185	295	290	15	115	90	195	235	250	95	250	160	100	8
17	125	130	145	340	210	120	115	130	305	345	295	295	295	285	290	265	285	290	230	190	175	145	145	150	14
18	90	140	105	110	155	11	135	115	155	185	150	150	145	150	150	150	155	110	120	130	135	150	200	10	8
19	350	165	215	145	125	14	110	100	215	280	285	275	220	190	185	190	185	165	155	165	165	285	40	35	8
20	35	290	280	260	335	95	85	85	300	325	300	230	260	150	280	295	285	285	285	285	295	350	130	125	14
21	95	125	120	120	120	130	125	115	130	130	155	180	210	210	195	155	135	165	150	130	190	280	250	160	7
22	120	120	110	305	350	170	85	350	285	300	315	120	135	245	285	145	85	210	195	140	160	170	125	125	7
23	125	135	110	110	115	110	115	110	285	270	245	250	270	270	270	260	250	250	260	245	260	240	160	125	13
24	105	105	110	145	125	140	135	65	295	305	300	280	235	230	235	230	230	215	195	180	175	165	195	295	11
25	195	0	260	265	280	285	105	300	285	285	90	75	55	80	5	0	300	280	285	295	305	325	275	255	14
26	215	160	125	120	120	95	95	345	290	0	325	325	270	290	280	280	265	350	335	80	100	115	180	250	(VA)
27	280	280	310	130	135	20	95	65	5	280	300	345	130	130	145	355	280	240	320	50	290	315	270	275	13
28	280	275	265	245	250	270	275	245	150	125	130	315	260	10	60	45	30	25	320	340	300	295	335	80	13
29	25	285	280	250	245	15	60	80	65	70	75	65	55	60	50	65	45	10	0	40	25	90	0	280	4
30	190	95	90	105	110	100	95	60	285	320	280	310	310	230	305	15	230	260	175	120	120	105	140	90	(VA)
31	125	140	130	130	130	115	120	45	80	310	315	40	310	275	10	325	325	50	290	160	175	170	130	135	7
PV	7	7	6	6	6	6	6	5	14	15	14	15	13	14	14	14	14	(VA)	(VA)	(VA)	9	7	7	7	(VA)

Moore Business Forms, Inc

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT.UTAH

SITE A 11

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	0	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	145	125	135	125	120	130	115	110	105	110	175	305	280	295	330	345	90	70	65	115	150	140	150	135	7
2	115	120	115	130	120	120	125	20	300	315	35	320	10	350	25	335	85	115	25	145	160	90	60	160	6
3	195	110	120	145	140	145	245	305	195	30	325	345	300	280	280	290	315	320	310	280	300	130	145	120	(VA)
4	55	65	315	145	165	15	175	225	30	335	5	10	320	355	315	345	0	70	90	105	150	150	240	60	(VA)
5	7180	120	125	110	115	13	60	295	315	315	300	315	315	320	300	305	315	320	320	85	150	160	180	150	15
6	155	130	105	120	150	130	120	95	320	315	315	285	300	295	305	305	315	320	25	130	140	155	150	140	15
7	6195	305	230	90	190	28	195	305	315	310	305	315	305	305	320	310	300	325	130	355	330	275	220	155	15
8	165	235	130	335	195	70	310	300	325	5	315	300	120	90	95	100	110	110	120	110	100	105	105	135	6
9	120	100	90	100	115	100	125	90	90	90	85	40	95	335	335	275	245	155	255	185	355	140	125	155	5
10	20	170	265	230	165	11	245	310	315	190	25	15	25	75	25	205	255	225	200	285	230	205	150	135	2
11	135	150	150	165	135	13	150	125	315	305	305	285	280	320	245	280	275	275	245	225	170	150	155	170	8
12	165	155	145	120	130	90	115	340	315	320	330	325	265	280	325	200	240	275	245	205	180	175	190	180	(VA)
13	140	145	135	130	140	130	80	40	295	300	300	295	310	300	290	305	310	315	315	320	310	290	205	150	(VA)
14	170	250	275	300	315	245	180	290	315	310	300	305	285	280	300	295	300	300	295	295	295	300	60	120	14
15	125	160	140	120	120	120	115	165	305	295	295	305	295	295	295	295	300	300	310	305	245	155	175	265	14
16	205	255	230	205	175	150	245	275	285	315	320	310	310	305	305	300	305	305	315	315	310	300	110	160	15
17	130	0	245	210	45	310	300	295	295	295	290	290	300	315	320	15	0	340	105	15	35	100	355	60	14
18	145	135	255	290	290	29	235	270	300	305	310	275	40	135	135	140	150	165	170	260	320	125	30	185	7
19	160	95	75	150	260	140	170	310	310	30	185	210	295	300	300	315	315	325	320	15	160	160	150	90	15
20	115	260	110	15	145	130	350	315	255	85	140	150	140	165	245	305	315	320	310	310	140	145	135	140	7
21	125	185	355	155	75	20	125	120	305	320	310	315	205	150	170	150	145	155	140	165	150	155	165	165	8
22	155	155	160	160	165	130	125	80	230	285	350	285	265	230	5	240	150	115	125	140	155	165	160	160	8
23	130	145	155	145	150	110	55	140	195	310	350	235	150	115	45	105	70	30	65	105	135	135	130	155	7
24	145	155	175	165	165	165	55	145	175	175	190	195	165	170	170	175	170	175	180	185	175	145	155	155	9
25	140	155	165	165	165	170	165	170	175	180	250	255	175	320	270	310	290	305	310	305	310	310	330	245	15
26	75	135	130	150	130	140	115	320	315	300	310	335	300	310	295	315	310	325	350	75	140	160	155	160	15
27	160	155	125	120	145	110	145	320	310	320	325	310	210	235	260	265	265	195	180	180	190	200	230	175	15
28	145	230	140	130	135	150	105	320	330	330	320	330	215	330	280	230	250	230	190	180	180	160	170	165	(VA)
29	155	25	255	175	115	19	45	315	325	345	185	180	180	180	190	200	210	200	190	180	175	160	145	155	9
30	155	255	15	145	145	130	30	5	305	315	325	140	175	160	175	175	205	205	200	190	185	160	145	170	9
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	(VA)
PV	7	8	7	7	7	7	6	15	15	15	15	15	14	15	(VA)	15	15	15	15	9	(VA)	8	8	8	(VA)

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	160	160	165	150	160	240	70	5	315	325	225	180	175	190	200	170	170	170	195	195	175	160	150	155	8	
2	155	165	150	45	295	225	355	310	310	315	315	315	295	305	325	315	320	65	135	150	165	150	165	170	15	
3	195	130	120	145	140	135	85	185	185	215	205	270	215	210	300	330	40	150	225	280	295	160	145	90	7	
4	110	85	155	325	130	155	120	235	290	315	310	310	290	300	175	150	140	200	285	285	275	260	50	120	14	
5	110	340	95	155	125	130	210	315	20	315	305	295	290	285	295	315	320	315	10	75	80	95	105	110	15	
6	315	285	85	130	130	125	125	205	125	10	5	290	225	55	15	45	5	350	315	320	285	205	345	130	7	
7	120	145	150	125	115	115	115	75	320	315	325	305	305	205	325	40	70	70	80	110	145	130	125	150	15	
8	100	90	105	100	80	100	115	95	55	295	220	265	300	315	325	355	75	60	130	150	105	70	330	200	5	
9	150	165	145	175	160	165	160	135	30	175	335	325	350	170	165	170	250	310	40	100	145	110	340	175	8	
10	100	115	120	130	135	135	115	20	295	255	275	25	15	60	5	70	40	70	85	105	75	70	120	110	6	
11	110	140	125	155	125	130	205	325	255	335	150	85	55	70	80	70	95	350	275	315	185	70	50	90	(VA)	
12	115	130	105	110	125	110	110	85	120	230	320	340	355	320	300	35	320	25	255	190	190	155	175	240	6	
13	175	170	170	170	160	155	145	160	200	220	240	255	320	235	270	190	220	290	305	280	160	190	180	130	9	
14	145	150	125	135	145	130	5	190	310	315	310	310	295	180	305	235	265	305	300	155	150	150	145	150	(VA)	
15	140	170	325	175	110	145	160	170	170	260	275	345	145	175	135	265	315	155	335	130	185	60	125	140	7	
16	145	105	175	195	130	30	300	335	175	135	10	195	150	135	145	300	335	155	190	145	150	175	210	255	7	
17	145	135	125	125	85	130	130	30	330	320	330	310	300	255	260	255	255	300	290	185	170	160	165	190	7	
18	265	165	275	145	135	140	135	150	260	290	320	310	275	265	355	140	120	130	150	150	165	160	150	140	(VA)	
19	140	145	120	125	130	130	120	110	5	300	320	315	295	295	275	315	285	315	320	340	50	110	140	200	7	
20	155	135	135	130	125	160	170	80	0	305	340	15	165	195	235	245	320	315	325	25	160	165	70	330	8	
21	130	150	145	140	135	70	280	305	155	145	185	260	275	275	290	240	205	145	205	155	185	110	85	110	7	
22	120	125	140	55	195	140	150	45	320	350	310	320	310	310	315	320	310	330	330	340	320	15	335	315	15	
23	345	105	130	110	45	130	115	20	315	305	345	295	265	280	295	300	335	85	345	335	50	50	115	135	16	
24	135	130	135	120	135	125	125	15	320	310	320	285	295	260	320	310	300	325	320	330	30	110	130	180	(VA)	
25	140	130	160	130	135	130	135	45	325	230	95	330	310	295	325	270	15	345	70	45	145	180	165	185	7	
26	120	120	105	130	115	115	120	30	315	310	300	315	325	15	10	340	150	90	155	160	155	150	150	170	(VA)	
27	155	130	145	190	125	130	130	95	325	325	310	240	215	340	150	165	155	175	170	190	175	155	145	155	(VA)	
28	120	110	15	175	325	310	120	350	325	330	325	300	220	205	165	160	160	165	170	165	175	190	190	155	8	
29	170	165	145	140	145	150	145	180	185	260	305	310	260	165	120	285	305	300	235	200	120	150	195	135	7	
30	155	160	185	175	165	150	145	155	135	220	265	265	135	120	125	135	225	240	280	200	145	135	135	135	7	
31	150	170	260	280	285	225	115	205	315	320	315	310	300	180	110	310	315	320	310	225	135	140	235	145	15	
PV	(VA)	7	7	7	7	7	6	2	15	15	15	15	14	9	15	15	15	15	15	8	9	8	7	7	(VA)	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	0	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-2.1	-2.7	-3.2	-2.3	-3.3	-3.7	[illegible].2	-.7	2.4	3.5	6.2	9.3	9.4	9.6	9.8	9.9	10.5	8.7	7.1	6.5	3.8	1.3	4.5	5.0	3.6	10.5
2	-.1	-1.8	-3.2	-4.1	-3.3	-2.	- .8	.9	2.9	5.7	8.4	9.3	8.3	10.4	10.9	12.7	12.7	13.9	14.2	13.6	13.7	13.9	10.4	10.6	6.5	14.2
3	-1.3	-1.1	.4	-1.0	-1.5	-1.	.5	2.8	7.4	11.5	12.8	15.7	16.3	18.4	17.7	18.1	17.2	17.6	16.8	15.7	15.5	14.5	14.4	12.1	9.9	18.4
4	9.8	7.8	8.2	8.4	8.6	9.	.1	11.1	13.0	14.3	15.1	15.9	13.7	13.3	14.4	14.9	15.0	15.0	14.9	14.6	5.9	-.7	-2.2	-3.6	10.2	15.9
5	-5.0	-3.2	-3.5	-4.0	-4.6	-4.7	[illegible].2	-3.2	-1.7	-1.0	-1.8	-2.2	-1.3	-2.0	-2.0	-1.9	.8	.0	-1.2	-.7	-2.1	-3.1	-3.7	-4.2	-2.5	.8
6	-3.8	-3.8	-3.8	-3.8	-3.8	-3.	- .2	-2.0	-1.3	.8	3.1	2.3	3.4	2.9	3.7	3.1	3.7	4.7	4.2	3.5	3.2	3.5	3.5	.6	.7	4.7
7	.9	.9	-.1	-.2	-.3	-.	.9	1.8	1.8	2.9	3.4	4.7	4.6	5.9	7.9	8.1	10.2	10.7	11.1	8.8	6.0	6.5	6.4	6.2	4.5	11.1
8	3.3	2.7	2.4	.2	.9	2.	[illegible].7	4.1	6.2	8.0	9.4	9.5	9.5	12.2	13.9	13.5	13.2	14.8	13.1	10.2	11.4	10.9	9.5	7.1	8.0	14.8
9	4.0	3.0	1.7	.4	.4	-2.	.0	3.9	4.0	7.8	10.2	13.2	14.8	15.3	14.8	16.1	15.2	15.0	14.7	14.7	13.9	13.2	8.8	8.2	8.8	16.1
10	4.5	3.3	3.1	2.6	.1	-1.0	-2.1	3.8	7.5	8.1	11.5	15.2	14.9	16.8	17.7	19.2	19.4	19.1	18.4	17.7	14.9	14.0	13.0	12.1	10.6	19.4
11	6.8	4.5	4.8	3.4	3.1	2.	[illegible].3	6.1	9.7	11.7	14.8	16.1	17.4	18.9	20.3	21.3	22.7	22.8	21.0	19.7	18.9	18.4	18.1	14.1	13.4	22.8
12	10.5	8.1	7.2	7.0	4.9	3.	[illegible].2	5.2	6.2	7.6	9.4	10.4	8.2	8.6	8.6	9.4	10.9	10.7	10.6	9.6	7.7	7.7	8.0	7.1	8.0	10.9
13	5.6	4.8	3.4	3.3	1.7	1.5	2.2	5.4	9.2	12.1	13.2	14.3	14.8	15.8	17.3	18.1	18.8	20.3	19.9	16.5	15.9	13.5	11.6	10.8	11.2	20.3
14	9.3	9.8	6.0	3.1	3.0	3.	4.2	7.1	11.1	13.3	17.2	20.0	21.0	21.4	22.1	22.9	24.3	24.0	24.3	23.0	19.0	17.7	16.4	15.4	14.9	24.3
15	12.9	9.3	8.5	8.1	5.3	4.9	7.4	10.2	14.7	16.9	19.9	22.8	22.8	21.9	21.6	25.1	24.6	24.9	24.2	21.7	20.6	18.0	16.9	16.5	16.6	25.1
16	14.6	14.5	15.0	14.8	14.3	12.	.7	13.7	16.0	20.7	23.2	23.3	21.6	21.2	21.1	20.7	19.6	19.0	16.3	15.5	14.5	14.1	12.6	9.9	16.7	23.3
17	9.1	8.6	8.2	8.0	8.9	7.5	7.7	11.3	13.5	13.4	15.0	16.7	17.9	17.4	19.6	18.3	13.2	15.9	15.4	14.5	14.9	12.5	11.5	9.8	12.8	19.6
18	9.5	8.0	7.8	7.9	7.8	7.	[illegible].5	8.9	12.6	15.2	15.7	16.5	16.4	17.2	17.8	18.3	18.1	15.5	10.6	11.0	10.8	11.4	11.7	10.6	12.3	18.3
19	9.5	9.4	8.6	9.5	9.6	9.4	.3	11.2	14.2	15.2	14.1	15.2	18.9	20.0	20.4	19.5	18.3	17.8	17.9	17.7	17.0	11.1	7.5	8.4	13.7	20.4
20	7.4	3.6	1.4	.1	.1	-.	.9	1.4	2.9	4.5	7.8	11.0	7.7	13.0	7.3	6.9	8.0	5.8	2.8	2.2	-1.3	-2.8	-2.4	-1.8	3.6	13.0
21	-2.6	-2.9	-2.4	.1	-.9	-.	-.9	.2	.8	2.4	3.4	3.7	5.0	5.5	5.4	6.5	7.4	8.4	8.3	5.1	3.0	4.0	4.1	1.3	2.7	8.4
22	-.7	-.6	-.6	.9	-.7	-1.	-.7	-.2	2.9	3.2	4.5	4.8	2.5	1.2	-.2	.0	3.8	5.5	4.5	5.2	5.4	3.8	1.1	.0	1.8	5.5
23	-2.1	-2.5	-2.2	-.7	.3	1.	[illegible].2	1.1	3.1	5.0	7.0	8.7	8.7	8.9	10.0	9.9	9.9	11.5	11.3	9.8	10.0	10.2	9.8	8.5	5.9	11.5
24	4.7	3.2	2.1	3.3	3.0	4.	5.6	8.5	10.2	12.6	14.7	17.0	17.2	18.0	19.2	19.9	20.7	20.3	20.8	20.5	17.0	15.3	15.0	13.2	12.8	20.8
25	9.2	8.2	8.4	8.0	5.8	5.	[illegible].0	3.3	3.2	3.7	8.5	10.2	9.1	10.2	10.8	12.4	12.1	12.4	11.9	12.0	11.2	10.1	8.8	5.7	8.6	12.4
26	3.6	2.7	1.4	.3	1.2	1.	.4	4.6	4.3	8.4	11.7	10.5	10.6	11.3	12.8	14.3	15.0	16.1	15.1	14.3	11.2	10.6	10.0	11.1	8.6	16.1
27	9.3	8.5	8.0	9.0	8.8	8.	.3	9.0	11.0	13.5	15.5	16.2	15.4	15.3	15.9	13.2	10.7	9.3	10.8	11.0	6.2	4.8	4.6	4.2	10.3	16.2
28	2.9	2.3	2.1	1.1	2.3	2.	2.1	2.2	2.4	2.7	2.7	4.4	4.9	5.4	8.3	8.0	8.0	7.0	6.2	4.2	3.2	2.9	2.0	1.5	3.8	8.3
29	2.7	.9	1.2	2.1	1.2	1.8	[illegible].0	3.7	3.8	5.6	6.4	7.5	7.1	7.1	7.2	9.0	10.9	10.5	10.8	10.8	11.4	8.4	6.2	5.8	6.1	11.4
30	4.5	3.9	3.0	1.3	1.5	-.	.5	3.7	6.7	8.6	10.1	11.6	13.6	14.8	15.7	17.2	18.1	17.5	19.1	16.8	14.5	13.3	13.0	11.4	10.0	19.1
31	9.1	7.7	7.4	7.2	6.1	5.6	.5	8.4	11.2	13.8	15.4	16.6	18.5	17.5	21.9	22.2	22.7	21.5	18.9	17.4	16.8	14.7	12.2	11.3	13.7	22.7
AV	4.7	3.8	3.3	3.0	2.6	2.	[illegible].0	4.8	6.8	8.8	10.6	11.9	12.0	12.7	13.3	13.8	14.1	14.1	13.4	12.4	10.8	9.5	8.5	7.4	8.6	[illegible]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	0	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9.2	9.3	8.0	7.5	6.2	5.	.7	11.7	15.4	15.8	18.8	18.9	20.8	21.0	21.2	21.9	22.5	20.7	19.8	20.2	20.3	16.9	14.1	11.2	15.2	22.5
2	11.6	10.8	10.7	10.4	9.1	8.4	8.7	12.5	15.4	15.2	18.5	22.5	23.1	25.2	24.8	18.1	19.4	19.7	19.6	18.1	16.0	14.9	14.5	13.6	15.9	25.2
3	15.9	15.4	13.7	11.4	12.1	11.	.1	12.4	14.1	17.8	19.2	21.3	21.6	23.0	23.2	18.8	17.4	17.6	16.4	13.9	7.3	6.0	5.9	7.3	14.8	23.2
4	10.3	9.7	8.0	6.9	6.2	7.5	.7	9.5	11.8	15.0	14.9	16.6	15.6	17.4	17.0	18.3	19.0	19.0	16.9	16.0	15.2	14.6	13.6	13.2	13.4	19.0
5	9.7	8.4	10.1	7.9	6.8	7.	6.4	10.7	14.0	15.2	18.0	17.9	20.6	22.4	23.7	25.6	25.8	27.1	27.8	26.7	21.2	18.4	17.8	18.2	17.1	27.8
6	15.1	14.2	14.5	12.6	12.4	15.0	.7	19.1	20.1	20.4	23.0	25.7	26.9	27.0	27.6	26.5	26.5	27.1	27.0	25.5	22.1	19.9	20.3	18.9	21.0	27.6
7	20.1	19.4	18.8	18.3	17.6	16.	6.8	17.7	18.3	17.0	17.8	18.5	19.5	18.6	19.5	20.0	14.0	10.5	10.8	8.9	8.3	9.6	8.1	7.0	15.4	20.1
8	8.6	8.6	8.7	9.0	9.2	8.5	.0	9.7	10.4	10.9	11.5	11.7	9.4	7.9	8.6	9.0	8.5	6.0	5.2	6.8	8.1	11.1	9.9	9.5	9.0	11.7
9	8.8	8.3	7.2	6.6	4.9	5.0	7.7	8.8	9.9	11.6	13.3	14.4	15.2	13.9	10.0	6.2	6.8	7.8	10.4	9.6	5.4	5.5	4.8	5.4	8.7	15.2
10	6.0	6.0	5.9	5.2	6.0	5.	6.9	8.5	9.9	12.8	13.6	15.2	14.8	16.2	14.9	14.0	13.0	13.7	13.3	13.0	12.4	11.6	10.8	8.5	10.8	16.2
11	5.9	5.7	5.8	5.5	5.1	4.	6.0	9.3	10.7	13.0	15.0	16.7	16.8	17.7	18.7	20.2	21.1	21.4	21.2	20.4	18.4	15.5	14.5	13.9	13.5	21.4
12	15.1	14.0	11.8	10.9	10.5	11.	.3	14.2	15.9	18.0	19.2	24.1	26.1	26.9	26.0	24.9	25.6	24.7	24.9	22.5	21.6	20.7	19.0	18.5	19.1	26.9
13	16.2	16.5	14.2	12.7	11.4	11.	.7	15.9	16.8	22.5	25.1	27.6	26.2	28.0	28.9	28.5	28.0	26.5	26.2	26.5	26.7	24.1	22.8	20.1	21.5	28.9
14	15.2	17.5	19.7	20.4	17.5	17.8	.3	19.3	19.9	20.3	23.7	25.2	25.9	27.1	26.1	26.9	26.8	26.2	25.4	23.7	21.5	21.0	20.6	19.8	21.9	27.1
15	15.3	16.0	15.2	13.0	12.3	11.	.3	16.6	19.0	21.6	24.0	26.8	26.8	27.5	27.8	28.0	27.1	25.5	26.5	26.2	25.2	23.0	21.8	21.0	21.4	28.0
16	20.5	29.9	20.7	18.7	19.6	19.0	.1	17.9	21.6	21.9	23.4	24.8	68.3	70.2	70.5	69.7	68.4	67.8	68.4	66.9	67.6	66.0	65.3	64.1	44.1	70.5
17	17.4	17.0	16.4	16.0	17.1	18.	.6	17.9	18.0	17.6	18.5	20.4	21.2	21.7	22.1	22.9	23.2	22.7	22.0	21.3	20.1	18.8	17.3	16.1	19.3	23.2
18	11.2	10.2	10.7	9.2	8.4	6.	5.3	5.4	6.6	6.6	7.5	7.8	6.3	7.5	5.8	6.2	8.7	10.2	9.2	6.7	4.9	4.1	4.8	4.9	7.3	11.2
19	3.0	3.5	3.6	3.7	4.2	4.	.6	9.5	10.1	12.5	14.9	17.0	11.9	13.7	14.3	13.2	12.2	12.6	12.1	10.2	8.3	8.3	8.2	8.9	9.6	17.0
20	6.4	4.9	4.0	3.6	3.2	3.0	.2	5.8	7.4	10.1	11.5	11.3	10.6	12.4	10.6	11.5	10.2	9.5	8.9	8.4	7.3	5.5	5.7	3.8	7.5	12.4
21	2.2	2.8	1.9	1.3	1.2	2.8	6.4	6.4	7.5	10.8	13.6	15.5	16.6	15.4	11.4	11.0	11.9	13.8	17.6	16.1	13.1	12.4	12.9	13.1	9.8	17.6
22	9.2	8.7	8.1	5.9	6.4	7.4	.1	13.3	12.8	15.9	17.1	19.9	19.7	20.3	21.4	21.6	22.5	21.6	21.1	20.3	16.4	15.7	15.4	12.7	15.1	22.5
23	13.0	11.1	10.8	10.0	10.0	10.7	.1	17.0	19.1	21.8	23.9	22.7	18.3	21.3	23.8	25.2	27.2	26.3	24.1	22.5	19.6	17.2	16.7	17.6	18.4	27.2
24	14.3	15.5	14.8	13.1	11.3	12.0	.4	19.8	23.7	25.3	26.6	29.7	26.9	28.3	29.2	27.8	28.1	28.7	29.5	27.5	26.9	22.1	20.7	20.7	22.3	28.7
25	19.3	20.6	19.7	19.8	19.2	20.5	.2	20.5	20.9	21.6	20.3	18.1	15.8	17.2	18.6	17.0	16.7	15.2	13.1	11.3	10.4	10.1	9.8	9.5	16.9	21.6
26	5.3	4.2	3.7	2.9	1.5	3.0	6.2	8.1	9.2	12.4	14.7	16.2	17.5	20.9	22.3	22.7	22.3	22.3	23.0	22.1	18.1	17.9	16.5	15.0	13.7	23.0
27	14.1	13.0	11.0	9.0	9.2	9.5	8.7	12.6	16.3	19.3	22.0	26.0	28.5	30.5	31.6	30.2	30.6	30.2	29.2	27.8	26.6	26.1	24.6	22.4	21.3	31.5
28	18.6	16.5	14.9	12.6	12.1	12.5	.8	16.0	17.9	21.4	24.1	26.0	28.8	30.3	30.9	31.7	31.2	30.8	29.8	28.1	26.3	23.4	21.2	20.7	22.5	31.7
29	19.2	18.1	18.1	15.6	13.9	14.7	.0	16.7	19.4	24.3	27.3	28.9	29.3	30.8	30.8	31.3	31.2	30.5	29.7	28.4	27.3	24.9	23.2	22.5	23.8	31.3
30	18.8	08.8	17.0	14.5	13.0	13.	.3	17.6	21.0	23.7	26.9	30.7	32.7	33.5	32.7	32.4	33.2	33.2	33.4	33.0	31.2	24.9	22.5	22.6	24.8	33.5
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	12.5	12.2	11.6	10.5	9.9	10.	.5	13.3	15.1	17.1	18.9	20.6	22.1	23.1	23.1	22.7	22.6	22.3	22.0	21.0	19.1	17.6	16.8	16.0	17.2	( )

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	19.5	20.4	19.3	19.4	16.6	15.4	16.8	19.8	20.5	24.7	28.2	33.8	32.5	33.8	34.1	34.1	33.8	34.5	33.9	31.6	29.6	27.1	24.5	22.1	26.1	34.5
2	22.0	22.2	21.9	21.4	19.0	17.8	19.5	20.8	20.9	24.2	27.5	30.4	32.2	32.4	31.5	31.7	31.6	31.1	30.2	28.7	27.8	25.3	23.9	23.0	25.7	32.4
3	21.3	19.6	18.6	18.5	19.2	20.5	22.4	24.3	27.2	28.3	30.1	30.4	28.6	28.7	28.1	26.5	27.6	29.1	27.9	25.6	23.5	22.7	21.0	19.1	24.5	30.4
4	18.4	17.3	16.4	16.1	16.0	16.0	17.1	20.2	20.9	22.7	23.6	26.0	26.4	26.9	27.6	27.9	28.5	29.1	27.5	27.2	25.5	23.9	22.8	22.0	22.8	29.1
5	21.5	20.1	19.1	18.9	18.4	17.4	17.4	19.9	22.5	24.2	25.6	26.7	27.4	29.0	28.7	28.2	28.3	29.0	28.3	26.9	23.6	22.1	22.2	22.5	23.7	29.0
6	19.6	17.6	15.4	14.2	14.4	15.8	16.1	20.0	22.2	22.6	25.8	27.8	27.7	29.3	29.5	31.1	31.2	31.0	28.4	28.9	27.4	25.2	24.5	24.4	23.8	31.2
7	19.4	18.1	18.6	17.6	16.5	16.3	19.4	22.3	25.2	26.5	29.5	32.9	31.6	33.0	33.1	33.3	32.4	32.9	32.1	31.2	28.4	26.3	24.8	23.9	26.1	33.3
8	20.7	20.9	20.3	20.0	19.2	18.7	20.3	24.1	26.0	26.4	26.9	29.5	30.2	31.5	32.3	26.2	21.7	20.6	21.2	21.6	21.3	20.7	21.1	22.1	23.5	32.3
9	20.3	21.1	19.7	19.8	20.0	21.0	20.3	22.1	24.8	27.4	28.1	28.2	27.1	29.2	29.5	28.3	27.7	26.6	24.9	23.2	23.9	21.6	21.1	19.5	24.0	29.5
10	16.5	15.4	15.9	15.5	15.8	16.3	18.4	20.4	21.6	24.9	26.9	27.9	28.0	27.9	29.6	29.8	29.6	29.0	27.4	27.4	26.4	26.3	25.7	24.2	23.6	29.8
11	22.7	21.3	19.6	17.9	16.4	15.1	16.3	17.7	20.2	24.3	26.6	29.4	28.5	28.9	29.4	29.3	30.2	28.3	26.6	26.5	25.0	24.1	23.2	22.7	23.8	30.2
12	19.2	18.7	17.2	14.9	14.6	15.0	15.2	17.0	18.3	21.3	23.0	24.6	27.4	27.2	28.5	29.7	30.1	30.5	28.3	23.6	22.8	21.6	21.4	23.1	22.2	30.5
13	22.5	22.4	21.6	21.2	19.6	20.1	20.8	22.2	25.8	28.0	29.4	27.1	23.5	28.0	26.6	27.6	28.3	26.5	26.0	23.9	22.0	21.6	20.7	19.0	23.9	29.4
14	17.3	15.2	15.4	14.9	13.5	13.2	14.5	16.5	17.0	20.7	23.7	25.6	29.0	30.3	29.6	29.8	31.7	31.0	28.9	25.1	23.6	22.4	19.7	21.3	22.1	31.7
15	22.3	21.2	20.7	20.0	19.0	17.5	18.1	20.3	23.4	27.0	28.2	26.9	23.7	21.8	22.5	21.3	20.8	20.7	20.8	20.1	18.7	17.4	16.0	15.8	21.0	28.2
16	16.9	15.4	15.2	15.4	15.6	15.3	15.2	15.9	16.0	16.3	18.0	16.4	15.3	17.4	20.9	20.1	15.3	14.5	13.2	13.4	12.6	13.5	13.1	12.4	15.6	20.9
17	10.8	9.2	9.4	9.6	8.4	8.2	11.2	14.7	16.3	17.7	18.9	21.4	24.3	26.5	28.1	28.6	27.8	27.1	25.5	25.2	23.2	21.2	19.9	21.4	18.9	28.6
18	22.7	22.4	19.8	18.1	16.1	13.6	16.1	20.5	25.7	26.7	28.7	29.8	29.4	29.1	29.0	32.6	32.0	29.8	29.4	27.5	25.3	24.8	22.8	20.3	24.7	32.6
19	19.0	18.8	17.7	15.8	14.8	14.8	17.0	19.7	22.1	23.7	27.0	29.1	30.5	31.4	33.1	33.1	32.9	31.9	31.7	31.1	29.7	28.4	25.9	26.9	25.3	33.1
20	22.0	20.1	18.3	17.4	16.8	17.8	16.1	16.9	20.7	22.4	26.3	29.9	32.0	31.5	32.4	33.3	31.7	29.0	27.6	26.9	26.2	25.8	23.7	23.0	24.5	33.3
21	17.7	16.8	16.7	16.0	15.5	15.7	16.6	17.2	20.2	26.1	26.5	27.4	26.7	30.0	28.6	24.7	21.2	22.6	23.2	23.6	19.9	18.9	17.7	16.2	21.1	30.0
22	14.3	15.5	16.4	14.3	14.3	13.6	16.1	16.9	18.0	20.4	24.5	27.4	29.2	30.6	31.6	31.8	32.7	32.1	31.2	31.0	29.1	26.4	24.5	23.4	23.6	32.7
23	20.8	19.0	17.8	15.9	16.2	15.3	17.4	20.7	21.9	24.1	26.3	28.7	28.5	31.3	32.0	31.1	30.7	29.5	30.0	29.1	27.7	26.5	25.0	23.0	24.5	32.0
24	18.8	18.8	17.0	15.9	14.8	15.4	16.8	19.7	21.7	23.1	25.9	27.4	29.1	30.7	31.4	31.7	31.9	31.4	31.6	27.9	26.2	25.4	24.2	21.8	24.1	31.9
25	18.6	16.8	16.8	16.8	15.6	15.7	16.4	19.3	21.6	25.1	29.3	28.4	29.1	29.8	30.7	31.5	32.2	30.9	29.8	29.6	29.1	26.9	24.7	23.8	24.5	32.2
26	20.8	18.9	17.5	16.1	15.9	15.9	17.5	20.9	21.5	24.0	26.9	29.2	30.3	31.3	33.9	33.8	34.7	33.4	32.6	30.6	27.4	26.9	26.4	24.0	25.4	34.7
27	20.5	17.0	17.7	17.7	15.7	16.1	17.1	20.9	22.3	23.9	26.5	28.8	30.7	31.6	32.6	34.1	33.1	32.4	30.9	28.5	27.1	26.7	26.2	24.1	25.1	34.1
28	21.4	18.1	20.6	18.5	16.5	16.0	19.1	22.0	23.7	26.0	27.4	29.7	30.4	32.4	33.3	33.5	31.3	31.4	29.5	27.0	26.9	25.4	24.3	24.1	25.4	33.5
29	22.0	21.6	21.2	20.7	21.6	20.9	21.3	22.0	21.8	22.3	23.2	24.5	18.4	16.7	21.3	24.4	23.1	16.5	17.4	15.6	14.0	14.0	14.0	14.3	19.7	24.5
30	13.5	14.4	14.0	13.4	13.8	14.0	12.7	13.4	16.1	19.6	21.5	22.4	20.0	19.3	22.5	25.7	26.5	26.2	23.8	22.5	21.6	19.9	17.9	17.7	18.9	26.5
31	18.4	20.1	18.7	17.2	15.7	15.0	14.6	15.5	17.0	19.2	20.7	21.3	23.3	24.3	24.8	25.1	25.4	24.5	21.3	16.8	16.0	15.6	15.4	15.0	19.2	25.4
AV	19.4	18.5	17.9	17.1	16.3	16.1	17.2	19.5	21.4	23.7	25.8	27.4	27.5	28.4	29.3	29.4	28.9	28.2	27.1	25.7	24.2	23.1	21.9	21.2	23.1	( )

WIND SPEED AT 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

MAY,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.0	4.0	6.0	6.0	3.0	4.5	6.5	6.0	2.5	3.5	5.5	5.5	6.5	4.5	7.5	11.5	8.5	11.5	7.0	1.5	2.5	3.5	3.0	3.0	5.0	11.5
2	5.0	2.5	3.5	5.5	6.5	4.5	6.0	5.0	2.5	4.0	4.5	4.0	7.0	6.0	8.0	6.5	5.0	7.0	3.5	3.0	2.5	3.5	4.5	2.5	4.5	8.0
3	3.0	4.5	3.5	3.5	6.5	4.5	6.5	7.0	5.0	6.0	[illegible]	8.0	[illegible]	15.5	13.0	19.0	11.0	12.5	10.5	8.0	7.0	4.5	6.0	3.0	7.5	[illegible]
4	3.5	7.0	7.0	3.0	2.0	3.0	2.5	[illegible]	10.5	20.0	22.5	23.5	22.0	22.0	23.0	23.5	23.5	23.5	10.0	17.0	14.5	13.5	7.5	4.0	14.5	[illegible]
5	1.5	2.5	2.0	[illegible]	1.5	3.5	1.5	[illegible]	1.5	2.0	6.5	6.5	7.0	[illegible]	6.0	7.5	3.0	5.0	9.0	3.0	3.5	4.5	4.5	5.0	3.5	[illegible]
6	5.5	5.0	4.5	6.0	7.0	5.5	7.0	6.0	7.0	9.5	11.0	10.0	13.5	12.0	10.5	14.0	14.5	11.0	3.5	4.0	7.5	14.5	12.0	11.5	9.0	14.5
7	11.5	12.0	12.0	15.0	12.5	11.5	10.5	13.5	12.5	12.5	13.0	16.0	17.5	16.5	13.0	10.0	12.0	11.0	7.5	6.0	6.5	3.0	5.0	3.5	11.0	17.5
8	6.0	6.5	5.5	6.0	6.0	4.5	3.0	5.0	5.5	6.5	3.0	5.0	6.5	5.0	5.5	5.5	5.5	5.0	5.0	5.0	5.5	12.0	3.0	5.0	5.5	12.0
9	4.0	6.5	4.5	3.5	4.0	4.5	4.5	3.5	4.5	4.0	4.0	4.5	4.5	11.0	5.5	6.0	9.5	4.5	4.5	2.5	4.5	4.0	5.0	4.5	5.5	11.0
10	6.5	3.5	6.0	6.5	5.0	3.0	6.0	6.5	3.5	4.5	[illegible]	3.0	6.5	[illegible]	9.5	7.0	6.5	6.5	3.0	2.5	4.5	5.5	6.5	5.5	5.5	9.5
11	4.0	2.5	5.5	5.0	4.5	4.5	5.5	5.0	3.0	2.5	4.0	4.5	4.5	4.5	6.0	5.0	4.5	9.5	7.0	6.0	6.0	4.0	4.5	15.0	6.0	15.0
12	13.0	16.5	12.5	[illegible]	7.0	3.5	4.0	5.5	9.0	7.5	5.5	3.0	9.5	9.5	5.0	5.0	5.0	5.0	5.5	3.5	3.5	2.5	3.0	4.5	7.0	[illegible]
13	3.0	2.5	2.5	3.5	4.0	4.5	6.0	6.0	3.5	3.5	4.0	6.5	6.0	4.0	4.5	4.5	4.5	5.0	3.0	2.5	3.5	6.0	5.5	5.5	4.5	[illegible]
14	5.0	6.5	4.5	[illegible]	2.5	4.0	4.5	7.0	3.5	5.0	3.0	3.5	6.5	5.5	6.5	6.5	4.5	3.5	2.5	3.5	6.0	4.5	6.0	4.5	5.0	9.0
15	5.0	4.0	3.0	[illegible]	5.0	4.0	5.5	4.5	2.5	4.0	4.0	4.0	4.0	6.0	10.5	8.5	6.5	11.0	8.5	4.0	5.0	6.0	3.5	4.0	6.0	[illegible]
16	3.0	3.0	3.5	2.5	2.5	4.5	4.5	3.5	7.0	14.5	11.5	12.0	7.5	11.0	7.0	10.0	7.0	11.5	8.5	4.0	3.5	4.5	7.0	4.0	6.5	13.5
17	2.5	3.0	5.0	4.5	3.0	3.0	7.0	6.0	4.5	4.0	5.0	5.5	7.5	3.0	5.0	6.0	10.5	6.0	3.5	3.0	4.0	4.0	5.5	3.0	5.0	10.5
18	4.0	3.5	4.0	3.0	3.5	6.0	8.0	6.5	7.5	10.5	14.5	15.0	15.0	15.5	14.5	16.5	17.0	13.5	10.0	11.5	9.0	6.0	7.5	3.0	9.5	17.0
19	1.5	2.0	2.0	2.0	3.0	3.5	4.5	6.0	7.5	11.0	13.0	[illegible]	16.0	16.0	16.0	15.5	16.0	16.0	16.5	15.0	17.5	13.0	5.5	2.5	9.5	17.5
20	3.5	12.0	6.0	3.0	2.5	2.5	3.5	4.0	4.5	6.0	7.0	22.5	10.5	17.0	11.5	9.5	5.0	9.5	10.5	9.0	10.0	2.5	3.5	3.0	7.5	22.5
21	3.5	2.5	2.5	2.5	5.0	11.5	9.0	5.0	7.0	9.5	10.5	10.0	7.0	10.0	10.0	11.0	11.5	9.5	9.0	8.5	6.5	5.0	3.5	2.5	7.0	11.5
22	3.0	2.5	2.5	2.5	2.5	2.0	5.0	3.0	4.0	4.5	4.5	2.5	5.0	[illegible]	[illegible]	3.0	7.0	4.0	7.5	5.0	6.0	4.5	6.0	4.0	5.0	9.0
23	2.5	4.5	4.0	3.0	4.0	3.0	4.0	3.0	4.0	4.0	6.5	5.5	7.5	4.0	7.0	4.5	3.0	3.0	3.5	3.0	3.0	[illegible]	6.0	3.0	4.5	7.0
24	3.5	3.0	2.5	2.5	4.5	3.5	4.5	[illegible]	2.5	5.5	6.0	7.5	7.5	10.5	10.5	10.0	11.5	10.0	9.5	8.5	6.0	5.5	7.0	10.0	6.5	[illegible]
25	4.0	4.0	11.5	6.0	6.5	6.0	11.5	14.5	12.0	6.5	6.0	7.5	3.5	3.0	3.5	3.5	4.0	7.0	7.0	4.5	3.5	3.0	3.5	6.5	6.0	14.5
26	5.5	6.0	6.5	6.0	5.5	4.5	4.0	[illegible]	2.5	3.5	3.0	2.0	6.5	[illegible]	6.5	[illegible]	5.5	4.5	4.0	2.0	[illegible]	3.5	3.5	2.0	4.5	6.5
27	3.5	[illegible]	[illegible]	[illegible]	3.0	1.5	3.0	3.5	2.5	4.0	4.0	4.5	[illegible]	[illegible]	[illegible]	[illegible]	10.5	[illegible]	4.5	3.0	[illegible]	2.5	3.0	4.0	5.5	[illegible]
28	3.0	4.0	2.0	1.5	2.5	2.5	3.0	2.0	5.0	6.0	7.5	3.5	4.0	7.5	6.0	4.5	10.0	11.0	10.0	10.5	10.0	11.5	4.0	3.0	6.0	11.5
29	4.0	[illegible]	4.0	2.0	1.5	5.0	10.5	10.5	9.5	7.5	9.5	9.5	11.0	10.0	10.0	11.0	9.5	9.0	[illegible]	[illegible]	4.5	4.0	6.0	3.0	7.0	11.0
30	3.5	5.0	7.0	4.0	3.0	3.5	6.5	5.5	3.0	3.0	3.0	3.5	2.5	4.0	4.5	5.0	3.5	2.5	2.5	2.5	3.0	3.5	6.0	3.0	4.0	7.0
31	4.0	[illegible]	6.5	4.0	5.0	3.0	5.0	[illegible]	3.5	2.5	[illegible]	3.5	4.0	[illegible]	6.0	7.0	4.0	4.0	3.5	[illegible]	4.0	6.5	4.5	3.5	4.5	7.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

JUNE,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.5	4.0	5.0	4.5	4.0	3.5	5.5	6.5	3.0	4.0	3.0	3.0	3.5	4.5	5.5	4.4	4.0	3.5	3.5	2.5	3.0	5.0	4.0	5.0	4.0	5.5
2	4.0	3.0	5.0	3.5	5.0	2.5	5.5	3.5	5.0	6.0	2.5	2.5	5.5	6.0	6.0	12.0	5.0	3.5	4.0	6.0	3.0	2.5	4.5	4.0	4.5	12.0
3	2.5	3.0	2.5	3.5	4.5	4.0	4.5	3.0	4.0	4.0	4.0	3.0	4.5	[illegible]	15.0	13.0	4.5	4.0	3.5	10.5	5.5	4.0	5.0	4.5	5.0	10.0
4	2.5	2.5	5.0	2.5	2.5	2.5	5.0	3.5	4.0	2.5	4.0	6.0	4.5	4.5	4.5	5.5	6.0	4.5	2.5	2.5	4.0	6.0	5.5	3.0	4.0	6.0
5	4.5	4.0	4.0	4.5	3.0	4.0	5.0	3.0	5.0	4.0	4.0	4.0	4.5	4.0	4.0	4.5	5.5	5.5	3.5	3.0	4.5	3.0	3.0	4.5	4.5	7.0
6	4.5	4.5	4.5	5.0	5.5	5.0	6.0	5.0	3.5	4.0	5.5	5.0	4.5	4.5	7.5	6.5	5.0	4.5	2.0	2.5	3.0	6.0	5.5	3.5	5.0	7.5
7	5.0	5.0	3.0	4.0	5.0	5.0	4.5	4.5	10.5	12.0	6.0	7.5	7.0	10.5	6.0	7.5	13.0	10.5	3.0	4.0	3.5	6.0	3.5	3.5	5.5	13.0
8	3.0	2.5	3.0	2.5	4.5	6.0	4.5	3.0	3.0	5.0	5.0	5.5	6.0	7.5	9.5	7.5	4.5	5.0	3.5	3.0	2.5	2.5	2.5	3.5	4.5	9.5
9	2.0	2.5	6.5	4.0	4.0	4.5	4.5	[illegible]	[illegible]	4.0	[illegible]	3.5	[illegible]	4.5	7.5	[illegible]	[illegible]	4.0	4.0	3.0	2.5	4.5	4.5	4.5	6.0	12.5
10	5.0	4.5	3.0	2.5	2.5	2.0	2.0	3.0	4.5	6.0	7.5	11.5	6.5	4.0	3.0	4.5	4.5	5.0	4.0	5.0	5.5	4.5	4.0	3.5	5.0	10.5
11	6.0	4.5	4.0	5.5	6.0	6.0	7.5	6.0	3.4	4.0	4.0	4.0	6.5	4.0	6.0	5.0	5.5	4.0	3.4	3.5	4.0	4.0	7.5	6.0	5.0	7.5
12	4.0	4.5	3.5	2.5	4.5	5.5	5.5	3.0	6.5	4.5	7.5	4.0	6.5	5.0	9.5	11.5	5.5	5.0	4.5	4.5	6.0	6.5	6.0	5.0	5.5	11.5
13	4.5	5.0	5.5	4.0	4.0	4.0	4.0	3.0	5.0	3.0	6.5	9.5	4.5	4.0	14.0	6.0	14.0	13.5	10.5	7.5	3.0	1.5	6.0	4.5	6.5	14.5
14	7.0	4.0	6.5	7.5	6.0	2.5	2.5	5.0	6.5	7.5	9.5	8.5	6.0	9.5	9.5	10.5	12.5	12.5	14.0	11.5	10.5	9.0	4.0	5.0	8.0	14.0
15	4.0	3.5	3.0	4.5	4.0	5.0	7.5	4.0	4.0	4.0	3.0	4.5	10.5	[illegible]	15.0	11.5	14.0	13.5	11.5	4.0	4.5	4.0	4.0	6.0	7.5	15.0
16	5.0	4.5	3.0	2.0	3.5	2.5	5.0	3.5	6.0	7.0	9.0	9.0	11.5	14.0	10.5	22.0	17.0	17.0	15.0	9.5	3.5	2.5	3.5	3.5	8.5	22.0
17	3.0	4.5	6.5	5.5	4.5	4.5	2.5	3.5	2.5	3.5	4.5	4.0	3.0	6.0	5.5	5.0	4.5	3.0	3.5	5.5	4.0	4.5	8.5	5.0	5.0	9.5
18	5.0	6.0	7.5	5.5	6.5	3.5	3.0	4.0	6.0	11.0	11.5	7.0	3.0	10.0	12.5	15.5	12.0	14.0	12.0	9.5	6.0	3.0	3.0	2.5	7.5	15.5
19	2.5	4.0	2.5	3.4	2.0	2.5	4.5	4.5	7.5	14.5	16.5	21.5	14.0	4.5	14.0	12.5	12.0	12.5	12.0	4.0	9.5	3.5	3.5	2.5	9.0	21.5
20	2.5	2.5	1.5	2.	4.5	5.0	3.0	5.5	2.0	2.0	11.0	15.0	11.5	11.0	9.0	9.5	13.5	11.0	7.5	3.0	2.5	2.5	4.0	2.5	6.0	15.0
21	7.5	4.0	2.0	3.5	2.5	4.5	4.5	4.0	5.5	5.0	6.5	7.5	9.0	11.5	9.5	9.0	[illegible]	4.0	2.5	9.5	9.5	2.5	4.0	4.0	5.0	11.5
22	3.5	3.5	4.5	5.5	4.0	4.5	4.5	2.5	4.5	4.0	5.0	5.5	7.0	6.0	6.0	9.0	7.5	6.0	4.5	3.5	3.5	5.5	6.0	7.5	5.0	9.0
23	3.5	4.0	5.5	5.5	5.0	5.5	7.5	6.5	4.5	5.0	4.5	5.0	13.5	4.0	4.0	7.5	3.0	2.5	2.5	2.5	4.0	6.5	5.0	3.5	5.0	13.5
24	3.5	7.0	5.0	2.5	2.5	2.5	2.5	10.5	14.5	14.5	18.5	20.0	22.0	23.0	21.0	20.0	22.0	19.0	15.5	6.0	2.0	1.5	2.5	4.0	11.0	23.0
25	1.5	1.0	3.5	6.5	11.0	11.0	8.0	13.0	20.0	18.0	15.5	14.0	15.5	10.5	9.4	15.0	16.0	19.0	17.0	11.5	16.5	6.5	3.0	2.5	11.0	23.0
26	3.5	4.0	5.0	4.0	4.0	6.0	5.5	5.0	6.5	5.0	6.5	5.5	5.5	7.0	5.5	5.5	7.5	6.5	4.5	2.5	2.5	5.0	5.0	4.5	5.0	7.5
27	5.0	3.0	4.0	3.5	6.0	4.5	4.0	4.0	4.5	4.0	9.5	10.5	14.0	14.0	14.0	11.0	11.0	13.0	13.5	9.5	2.5	3.5	7.0	4.0	7.5	15.0
28	5.0	3.0	5.0	4.5	6.0	7.0	8.0	4.0	5.0	4.0	5.5	7.5	[illegible]	14.5	12.5	11.5	11.5	12.0	14.0	5.0	5.0	5.0	5.5	6.5	7.5	16.5
29	4.0	3.5	2.0	3.5	3.5	4.5	5.0	4.0	6.5	7.5	15.0	14.5	15.5	14.5	13.5	15.0	17.0	16.0	11.5	6.0	4.0	4.0	5.5	6.5	9.0	15.5
30	6.0	4.0	3.5	4.5	5.5	5.5	5.5	3.0	4.5	5.0	6.0	13.0	13.0	16.0	15.5	14.5	11.5	11.5	9.0	4.5	6.0	7.0	7.0	9.0	9.0	16.0
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	4.0	[illegible]	4.0	4.5	4.5	4.5	5.0	4.5	6.0	6.5	[illegible]	4.5	9.0	[illegible]	14.0	18.0	6.5	4.0	3.5	5.0	[illegible]	4.5	5.0	3.5	5.5	T

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

JULY,1975

AEROVIRONMENT INC.

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*  PRELIMINARY DATA  *
*  AS OF 02 OCT 75   *
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*                    *
*     Subject To     *
*      Revision      *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9.5	8.0	8.5	9.0	5.5	3.0	2.0	3.5	6.0	5.0	7.0	16.0	16.0	15.5	16.5	12.0	11.5	10.0	7.0	4.5	5.5	8.0	9.0	7.5	8.5	16.5
2	9.0	6.5	7.5	3.0	2.0	2.5	2.5	3.5	7.0	6.0	6.0	7.0	9.0	6.0	8.5	9.5	10.0	9.0	9.0	9.5	11.0	6.0	9.5	3.5	6.5	11.0
3	2.5	2.5	5.5	5.0	4.5	7.0	7.0	9.5	7.5	6.5	5.5	5.5	6.5	5.5	3.5	6.5	4.5	2.5	6.5	3.0	3.0	3.0	3.5	4.0	5.5	9.5
4	4.0	3.0	4.0	3.5	5.5	5.0	5.0	3.0	3.0	4.0	7.0	8.5	9.0	8.5	10.0	10.0	8.5	5.5	8.5	4.0	3.0	3.0	4.5	4.5	5.5	10.0
5	4.0	2.5	4.0	6.5	5.0	3.0	3.5	3.0	4.0	7.0	7.5	6.0	9.5	9.5	3.5	12.5	11.5	9.5	4.5	6.5	10.5	6.0	3.5	3.0	6.0	12.5
6	2.5	1.5	2.5	2.5	3.5	3.0	4.0	3.5	4.0	7.0	6.0	6.0	5.5	7.0	9.5	8.0	6.5	6.0	7.5	4.0	1.5	2.5	4.0	5.0	4.5	8.5
7	4.0	4.5	5.5	4.0	6.5	6.0	6.0	2.5	3.5	4.0	4.0	7.5	6.5	7.5	8.0	12.0	9.0	7.0	9.0	5.0	5.0	2.5	2.5	6.0	6.0	12.0
8	4.5	4.5	5.0	6.0	7.0	6.5	6.0	3.5	4.0	4.0	3.5	6.0	5.5	6.0	3.5	8.5	8.5	3.0	6.0	5.5	3.0	4.0	3.5	2.5	5.0	8.5
9	2.5	2.0	5.0	6.5	5.0	4.0	6.0	6.5	6.0	5.5	5.0	6.0	6.5	15.5	10.0	8.0	3.0	5.0	7.5	4.0	3.0	2.5	2.5	2.5	5.5	15.5
10	2.5	2.5	2.0	2.5	5.0	4.0	5.0	2.5	4.0	4.5	5.0	4.0	6.5	9.0	4.0	7.5	6.0	5.5	5.5	2.5	2.5	2.5	2.5	3.0	4.5	8.5
11	6.5	6.0	7.5	3.5	4.5	5.5	6.5	4.5	5.0	5.0	6.0	6.0	7.0	8.0	7.5	7.5	7.5	9.0	8.5	4.0	7.5	5.0	3.5	3.5	6.0	9.0
12	3.0	4.0	5.5	4.5	3.0	3.5	5.0	4.0	2.5	2.5	7.5	8.0	9.0	10.0	4.5	7.0	6.5	7.0	9.5	11.5	6.5	3.5	2.0	2.5	5.5	11.5
13	3.5	9.0	6.5	6.5	6.0	5.5	5.5	7.0	3.0	9.5	6.5	2.5	5.0	9.0	7.5	9.5	7.0	5.0	6.0	3.5	2.5	2.5	3.0	4.0	6.0	9.5
14	4.5	5.5	4.0	2.5	5.5	4.5	5.5	3.5	6.0	6.5	5.0	6.5	4.5	5.0	7.0	7.0	5.5	6.0	12.0	9.5	5.0	4.0	2.5	9.0	5.5	12.0
15	2.5	3.5	3.0	1.5	2.0	4.5	5.0	9.5	6.5	7.0	5.5	6.0	5.0	4.0	4.5	5.0	6.0	4.5	2.5	4.0	3.0	2.5	2.5	5.0	4.5	9.5
16	5.5	8.5	7.0	2.5	2.0	2.0	1.5	3.5	7.5	4.0	4.0	7.5	10.5	9.0	10.0	9.0	10.5	3.5	7.0	11.0	9.5	7.0	2.5	2.5	6.0	11.0
17	2.5	3.5	3.5	4.0	4.0	2.0	3.0	1.5	4.0	4.0	7.0	4.0	6.0	9.5	10.0	10.0	6.5	5.0	4.0	4.0	5.5	5.5	5.5	5.0	5.0	10.0
18	2.5	9.0	3.0	4.5	6.5	4.5	7.0	5.0	4.0	4.0	4.5	6.5	5.5	6.0	4.5	2.5	3.5	3.0	3.5	4.0	4.0	4.5	5.0	5.5	4.5	9.0
19	5.0	5.5	5.0	5.0	5.0	5.5	5.0	5.0	3.0	5.0	5.5	6.0	7.0	7.5	7.0	6.5	8.5	5.0	6.5	3.5	3.5	4.5	5.5	6.5	5.5	8.5
20	3.5	3.5	5.0	4.0	4.5	4.5	3.5	3.0	4.0	5.0	5.0	5.0	3.0	12.0	6.5	4.5	15.5	11.0	9.0	4.0	4.5	4.0	4.0	3.5	5.5	15.5
21	5.0	6.5	3.0	4.0	2.5	2.5	3.0	2.5	3.5	6.0	4.5	6.0	5.0	4.5	7.5	10.5	9.0	10.5	7.0	4.0	3.5	3.0	4.0	5.0	5.0	10.5
22	5.5	5.5	3.5	5.5	3.5	6.5	7.5	5.5	3.5	4.0	5.0	6.0	6.5	7.0	6.5	6.0	7.5	9.5	6.5	3.0	1.5	2.0	3.0	2.0	5.0	9.5
23	2.0	3.0	4.0	5.5	4.0	5.0	7.0	4.0	4.0	4.0	6.5	6.5	7.0	7.0	7.0	6.5	10.5	6.5	4.0	2.5	3.5	4.0	5.0	4.0	5.0	10.5
24	4.0	4.0	4.0	4.5	5.5	4.0	7.5	5.0	3.5	5.5	6.5	5.5	7.5	7.0	6.5	7.0	6.5	8.5	8.0	4.5	3.0	4.0	3.0	4.5	5.5	8.5
25	5.5	6.0	4.5	6.0	5.0	5.5	5.0	5.0	4.5	3.5	5.0	5.5	7.5	8.0	7.0	6.5	10.0	4.0	4.5	3.0	6.5	3.0	1.5	2.5	5.0	10.0
26	3.5	3.5	6.0	6.0	4.5	5.0	6.5	4.5	6.5	5.5	7.0	7.5	9.0	6.0	7.0	7.5	6.0	9.5	5.5	2.5	4.0	6.0	3.0	2.0	5.5	9.0
27	2.0	4.5	2.5	3.0	4.5	4.0	5.0	3.5	3.0	5.0	5.5	4.0	5.5	6.5	8.0	7.0	6.0	5.5	5.0	5.0	6.0	6.5	3.5	5.5	5.0	8.0
28	4.0	4.0	2.0	2.0	4.5	5.0	6.5	4.5	6.0	7.0	9.0	9.0	5.0	9.5	12.5	11.5	12.0	12.5	8.5	3.5	2.5	4.0	5.5	6.5	6.5	12.5
29	4.5	5.0	5.0	5.5	4.5	3.0	4.0	10.5	9.0	6.5	6.0	10.0	4.5	2.5	4.0	5.5	12.0	4.5	3.5	2.5	2.5	2.5	2.0	3.5	5.0	12.0
30	4.5	2.5	2.5	2.5	2.5	3.0	2.5	3.0	6.5	6.0	4.0	6.0	5.5	7.0	5.5	2.5	3.5	6.5	9.5	5.0	4.5	4.0	2.5	2.0	4.0	9.5
31	2.5	[illegible]	3.5	4.5	10.5	5.5	4.0	2.5	2.5	5.0	4.0	3.5	5.5	4.0	6.0	8.0	6.5	6.5	3.5	3.5	7.5	2.5	7.5	7.0	5.0	10.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.5	5.5	[ ]

WIND DIRECTION - 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH
SITE A [illegible]
MAY,1975
AEROVIRONMENT INC.

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*  PRELIMINARY DATA  *
*  AS OF 15 OCT 75   *
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*     Subject To     *
*     Revision       *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	140	135	135	140	120	125	125	115	25	310	300	315	140	110	125	160	[illegible]	230	275	85	120	125	105	100	7
2	135	135	135	125	135	125	130	130	10	295	325	40	315	[illegible]	305	230	330	220	270	70	75	100	90	115	7
3	145	140	140	140	135	130	140	130	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	170	[illegible]	[illegible]	165	[illegible]	140	151	95	7
4	135	145	145	120	120	110	115	105	145	145	145	155	160	165	155	155	160	160	165	170	250	220	200	300	9
5	65	125	145	145	140	125	125	130	25	270	25	[illegible]	[illegible]	[illegible]	140	145	145	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	150	165	140	165	165	145	165	170	140	175	170	135	150	160	160	175	8
7	145	140	145	145	145	145	140	145	145	140	145	140	140	140	175	175	140	145	145	15	205	155	157	75	9
8	270	275	230	[illegible]	265	[illegible]	260	65	160	155	65	130	300	315	240	245	240	260	270	270	120	125	130	151	13
9	130	155	125	[illegible]	130	130	130	110	125	250	[illegible]	310	[illegible]	145	265	265	245	127	250	175	125	30	145	157	7
10	145	110	65	145	145	140	145	155	30	15	[illegible]	30	355	305	300	270	330	305	60	145	135	145	140	145	7
11	130	90	135	135	135	155	155	130	[illegible]	260	[illegible]	[illegible]	325	[illegible]	260	65	[illegible]	145	170	165	165	175	135	205	7
12	245	230	[illegible]	[illegible]	265	10	155	[illegible]	[illegible]	200	310	320	335	345	325	15	5	50	100	110	145	135	125	140	14
13	120	115	135	130	135	140	125	140	130	70	[illegible]	300	260	0	330	325	315	310	255	105	135	135	135	145	7
14	155	155	160	135	100	130	150	125	340	310	320	340	315	325	340	310	320	330	125	145	125	135	145	110	7
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	340	70	0	135	60	140	[illegible]	55	140	140	130	135	[illegible]	7
16	125	130	65	65	120	110	130	45	310	140	145	165	100	165	315	110	100	165	170	55	115	135	143	100	6
17	70	135	166	115	120	125	140	130	14	75	46	[illegible]	275	[illegible]	85	315	305	340	305	150	170	135	145	130	7
18	130	140	125	115	130	120	145	145	145	155	145	160	155	155	165	165	140	125	105	140	150	150	155	85	[VA]
19	100	145	120	120	120	125	135	130	166	150	145	215	160	145	175	130	140	165	170	170	170	205	15	250	9
20	245	270	240	250	180	40	120	235	265	275	270	165	205	155	270	340	300	200	230	235	205	265	145	155	13
21	120	130	140	125	120	130	125	135	130	130	140	165	140	145	160	155	145	140	155	155	160	200	5	140	7
22	135	125	125	75	80	[illegible]	135	60	340	240	[illegible]	140	35	320	245	175	150	265	140	145	130	150	155	145	7
23	125	140	130	135	140	165	140	145	140	[illegible]	315	250	245	275	230	240	240	230	210	220	160	110	110	130	7
24	120	110	110	120	125	115	125	125	30	225	240	235	20	145	160	175	190	175	170	155	165	140	170	290	[VA]
25	60	15	275	290	275	230	225	205	255	235	310	20	25	30	315	310	260	310	300	10	120	115	70	60	15
26	230	315	355	325	315	265	330	[illegible]	120	130	125	350	330	315	345	320	340	305	315	100	120	130	125	10	15
27	[illegible]	[illegible]	[illegible]	[illegible]	120	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	145	0	140	[illegible]	330	300	295	[VA]
28	345	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65	130	155	150	30	265	[illegible]	65	65	355	10	0	325	325	330	330	355	1
29	[illegible]	[illegible]	[illegible]	[illegible]	160	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]	35	[illegible]	25	25	35	5	25	30	7	150	165	135	9
30	125	105	130	125	140	145	[illegible]	[illegible]	70	[illegible]	[illegible]	15	10	[illegible]	25	325	100	155	175	160	145	151	150	145	7
31	150	145	150	150	150	140	145	140	[illegible]	340	[illegible]	[illegible]	[illegible]	210	225	310	310	330	300	140	110	130	135	140	[VA]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[VA]

WIND DIRECTION - 10
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 12

JUNE, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
****
* Subject To *
* Revision *
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CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV
1	130	135	135	130	130	130	130	[illegible]	5	324	[illegible]	355	345	40	345	275	60	[illegible]	70	95	[illegible]	305	140	145	7
2	325	345	305	130	130	135	130	130	[illegible]	359	221	320	335	330	20	330	20	20	205	170	145	140	180	160	[VA]
3	130	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	170	160	[VA]
4	130	340	165	150	145	145	165	175	145	60	310	20	265	315	310	345	10	325	30	155	155	150	160	135	9
5	145	150	140	145	145	140	140	[illegible]	330	325	340	[illegible]	220	[illegible]	264	310	345	305	[illegible]	145	[illegible]	145	145	145	7
6	160	160	65	145	155	165	150	150	15	345	40	65	360	225	200	300	0	15	0	160	150	150	160	150	9
7	135	[illegible]	60	70	140	[illegible]	[illegible]	35	310	305	310	110	315	[illegible]	340	320	[illegible]	310	135	155	345	315	115	150	15
8	165	170	155	350	160	155	340	[illegible]	65	305	291	325	275	215	170	190	215	215	301	0	5	15	120	140	[VA]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	205	255	160	[illegible]	[illegible]	160	[illegible]	150	145	150	7
10	160	165	150	125	130	140	145	275	320	320	325	30	340	55	35	165	200	165	135	20	165	145	150	145	9
11	135	140	135	155	140	140	150	145	[illegible]	315	340	105	[illegible]	[illegible]	315	330	330	314	335	170	165	155	160	140	[VA]
12	135	120	115	120	150	140	125	40	320	325	310	0	225	205	225	205	210	210	210	190	[illegible]	150	135	140	[VA]
13	145	140	145	155	155	150	135	70	355	345	[illegible]	[illegible]	[illegible]	[illegible]	265	240	300	[illegible]	300	300	[illegible]	55	135	135	[VA]
14	155	115	200	235	320	65	110	260	300	260	275	255	275	265	260	275	290	290	300	330	305	340	150	155	14
15	135	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	145	7
16	145	130	140	340	65	120	135	25	270	305	290	295	310	305	305	305	305	315	310	320	20	110	140	155	15
17	110	130	165	310	140	335	320	310	335	305	330	295	310	[illegible]	345	60	335	360	95	310	[illegible]	330	330	60	[VA]
18	145	150	100	205	220	310	265	205	205	300	210	280	70	140	130	145	160	160	171	205	115	70	125	135	7
19	35	[illegible]	[illegible]	[illegible]	140	[illegible]	134	[illegible]	140	[illegible]	[illegible]	170	220	[illegible]	240	315	310	330	320	[illegible]	[illegible]	155	155	95	[VA]
20	160	165	40	110	145	150	115	220	15	320	110	140	150	175	200	275	325	325	325	5	120	125	145	115	6
21	116	120	[illegible]	140	125	140	135	[illegible]	310	[illegible]	[illegible]	310	160	[illegible]	180	155	150	100	130	140	140	145	145	150	8
22	150	135	150	150	150	145	150	100	320	140	135	300	215	340	245	170	115	175	160	135	160	155	165	160	9
23	[illegible]	[illegible]	155	[illegible]	150	155	140	[illegible]	325	310	300	295	245	115	115	200	5	245	205	130	145	160	155	145	8
24	145	160	140	60	55	[illegible]	335	120	170	170	175	145	175	135	175	175	100	175	135	100	165	150	140	160	9
25	60	[illegible]	140	120	175	175	140	175	100	[illegible]	[illegible]	105	170	145	225	245	240	240	215	245	214	210	60	70	9
26	130	175	165	145	145	145	130	[illegible]	325	65	10	330	300	360	325	360	310	315	315	105	135	145	135	140	7
27	[illegible]	[illegible]	[illegible]	[illegible]	170	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	171	[illegible]	[illegible]	[illegible]	9
28	140	135	135	150	150	165	155	[illegible]	330	315	330	315	160	175	265	195	200	165	140	170	155	155	150	155	9
29	150	140	120	130	165	140	155	60	335	335	140	160	165	140	170	165	170	170	175	140	145	150	135	135	9
30	140	[illegible]	165	[illegible]	150	155	145	10	335	240	[illegible]	195	160	165	170	170	175	120	105	165	140	155	160	165	8
31																									[VA]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 12

JULY, 1975

AEROVIRONMENT INC.

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*  PRELIMINARY DATA *
*  AS OF 02 OCT 75  *
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*                   *
*    Subject To     *
*     Revision      *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	165	155	155	155	160	70	120	30	325	330	265	180	175	180	180	120	175	135	100	185	170	170	175	170	9	
2	180	160	155	80	115	120	125	25	340	335	330	325	310	330	325	315	315	75	135	150	150	150	160	345	8	
3	85	150	165	165	165	160	170	165	100	210	190	230	140	30	295	315	20	10	210	310	65	150	95	145	8	
4	135	150	150	140	150	130	155	90	355	330	310	330	325	270	190	170	195	100	295	5	125	140	155	165	8	
5	155	60	125	165	140	160	140	215	325	320	325	275	300	310	230	320	325	345	15	0	50	50	5	140	15	
6	105	65	120	150	150	115	145	140	325	310	330	280	270	280	245	300	315	190	5	350	130	130	145	155	7	
7	140	150	155	150	155	155	150	95	345	350	340	315	320	315	205	325	335	20	30	95	150	140	135	135	8	
8	100	115	150	155	155	155	160	5	320	310	350	255	355	345	90	210	200	345	140	175	40	155	105	55	9	
9	115	135	155	165	150	160	175	165	195	270	240	205	165	160	155	155	145	250	110	45	145	110	340	100	8	
10	105	115	115	105	155	155	145	55	325	320	270	200	315	320	40	55	30	35	55	90	300	255	105	135	[VA]	
11	160	130	145	130	145	150	165	45	325	260	325	50	45	45	80	25	65	10	315	15	345	10	215	55	[VA]	
12	100	115	130	155	145	155	160	145	5	295	315	320	50	315	315	340	320	335	220	100	180	165	145	245	15	
13	140	155	130	165	170	165	160	165	180	200	230	225	200	225	215	180	105	255	310	295	160	105	135	140	9	
14	155	165	155	120	145	135	135	110	310	315	310	10	165	265	275	210	220	275	285	100	155	160	150	160	9	
15	140	145	65	85	100	140	150	160	150	175	195	200	135	15	185	270	160	155	150	175	135	110	140	150	8	
16	155	165	175	50	140	135	150	190	195	320	345	195	160	155	170	305	320	270	155	150	175	195	145	110	9	
17	130	165	150	155	165	40	140	55	340	330	330	345	245	205	190	210	250	200	250	175	155	170	190	165	9	
18	135	170	120	145	160	155	160	170	40	30	300	280	270	25	10	55	75	190	155	155	155	150	155	155	9	
19	160	165	160	160	165	170	175	155	70	330	315	335	300	320	200	350	315	205	325	15	165	165	170	170	9	
20	150	165	160	165	165	155	155	140	35	330	320	305	20	185	165	285	325	320	325	90	160	170	90	120	9	
21	160	170	165	160	150	105	150	120	40	155	160	25	315	325	315	230	185	155	160	160	150	115	120	165	8	
22	150	135	100	140	25	180	165	145	0	0	345	50	295	305	0	25	325	330	335	55	80	90	150	130	7	
23	105	130	100	155	130	160	165	115	310	315	300	355	320	10	330	270	300	40	325	105	160	155	150	165	9	
24	165	150	145	150	155	160	155	165	265	330	315	325	325	275	350	315	300	10	340	45	165	175	70	160	8	
25	155	[illegible]	170	165	170	165	160	110	340	290	330	315	270	260	290	295	265	30	40	130	175	150	165	125	9	
26	145	125	155	155	160	165	160	85	335	35	345	325	245	45	20	40	10	150	165	145	155	170	160	145	9	
27	110	155	130	145	155	170	145	70	30	45	340	85	5	70	155	210	180	210	190	175	170	185	170	190	9	
28	155	160	95	140	145	150	155	165	310	315	330	165	165	165	175	170	175	190	185	175	165	175	165	160	9	
29	160	165	170	150	160	165	185	155	215	215	235	300	140	330	320	295	290	345	290	120	175	135	65	120	9	
30	160	150	145	110	145	140	170	160	175	155	190	260	190	155	165	210	180	175	220	260	265	175	110	150	[VA]	
31	150	[illegible]	145	155	145	225	355	[illegible]	135	140	165	250	320	320	320	315	230	200	145	260	315	315	320	320	15	
AV	8	[illegible]	9	6	3	6	3	[illegible]	14	15	15	15	15	15	9	15	15	3	[VA]	3	3	[VA]	8	3	[VA]	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT, UTAH
SITE A 12
MAY, 1975
AEROVIRONMENT INC.

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* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
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* *
* Subject To *
* Revision *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-5.2	[illegible]	-5.6	-3.7	[illegible]	-1.6	-7.2	-4.2	[illegible]	-2.6	-4.2	-4.2	[illegible]	.7	4.1	3.5	4.3	6.0	5.4	7.6	[illegible]	[illegible]	3.0	-1.7	1.4	[illegible]
2	-2.6	-5.0	-6.0	-5.7	-6.0	-7.7	-7.2	-3.9	1.5	4.8	[illegible]	8.2	0.1	.1	3.2	9.2	11.5	10.2	9.7	6.6	2.1	-.9	-3.0	-3.3	1.2	11.9
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	3.7	3.7	3.3	1.2	-1.4	-1.2	.6	[illegible]	6.3	11.6	13.3	13.0	10.4	[illegible]	12.3	12.5	12.7	12.4	12.5	10.1	5.1	-4.2	-7.2	-7.3	6.0	13.9
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	-7.4	-7.5	-7.6	-7.7	-8.0	[illegible]	-7.0	-7.3	-5.5	-3.6	-1.9	-1.2	-.1	.2	1.1	.0	.8	1.1	.2	-.5	-1.4	-1.0	-2.1	-2.1	-3.2	1.1
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	7.0	.2	6.1	[illegible]	6.0	.1	[illegible]	[illegible]	5.2	6.3	4.1	[illegible]	9.3	11.1	12.0	12.0	12.1	11.0	9.0	9.2	7.1	7.1	4.4	1.6	9.1	12.1
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	-1.2	-2.1	-3.0	[illegible]	-4.2	[illegible]	[illegible]	.2	4.3	7.2	11.1	14.4	14.1	[illegible]	[illegible]	16.8	17.4	16.7	15.2	12.1	5.2	4.6	4.2	4.1	6.4	17.4
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	0.1	[illegible]	.6	[illegible]	3.5	.1	2.6	[illegible]	3.9	4.9	[illegible]	6.6	6.0	6.4	6.3	7.2	9.3	9.2	7.7	5.6	4.1	1.1	.5	2.2	5.3	9.1
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	4.4	3.4	2.6	[illegible]	-1.2	-2.0	-.1	[illegible]	9.5	11.7	15.2	18.1	19.0	13.4	20.3	21.5	21.0	19.0	19.0	15.5	10.0	9.5	9.3	8.5	11.9	21.5
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	7.1	5.5	7.9	4.1	2.9	3.5	3.2	[illegible]	12.2	17.0	[illegible]	19.9	19.2	19.7	18.6	17.7	[illegible]	17.2	14.1	13.3	11.5	11.0	[illegible]	7.3	12.0	[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	2.7	1.6	2.2	[illegible]	1.3	1.7	2.2	[illegible]	[illegible]	12.0	12.6	[illegible]	15.0	[illegible]	15.5	16.2	[illegible]	14.1	9.0	7.2	7.1	6.4	6.0	4.5	9.2	16.2
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	3.2	.1	-2.4	[illegible]	-2.2	-1.0	-1.5	-1.1	.7	2.0	4.7	12.0	7.5	9.7	5.8	4.6	3.4	3.2	.2	-.6	-2.0	[illegible]	-5.6	-7.9	1.0	12.0
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	-2.1	[illegible]	-5.2	[illegible]	-4.2	[illegible]	-4.2	1.2	2.9	3.2	[illegible]	3.2	.0	-.0	-1.7	-.5	2.0	4.2	1.6	1.5	.6	-.2	-2.2	-3.6	-.7	4.5
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	-3.0	-3.3	-3.1	-2.7	-2.6	-2.6	-2.0	2.2	8.4	10.4	11.6	13.0	15.6	15.2	16.5	17.2	17.0	16.0	17.0	15.2	12.5	10.3	10.2	10.7	8.5	17.2
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	9.3	9.5	10.6	[illegible]	13.5	13.0	13.2	[illegible]	[illegible]	[illegible]	[illegible]	4.0	[illegible]	[illegible]	[illegible]	11.5	12.6	12.9	12.3	8.4	3.0	3.1	5.7	4.7	9.2	13.1
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	4.7	2.6	.7	1.2	1.1	[illegible]	1.0	[illegible]	2.7	[illegible]	[illegible]	3.0	2.2	2.0	2.0	5.1	4.9	4.1	3.5	3.1	2.7	1.3	1.6	1.6	2.4	5.1
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	-5.6	[illegible]	-5.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.5	11.0	[illegible]	16.2	16.9	15.2	17.2	10.6	14.0	11.5	9.0	8.6	5.7	6.3	[illegible]
31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 12
DEC.1975
AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF [illegible] *
****
* Subject To *
* Revision *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.6	3.5	3.6	1.5	1.0	1.1	2.5	6.4	10.7	12.0	14.3	18.3	[illegible]	[illegible]	17.6	16.6	17.4	10.1	10.0	14.0	[illegible]	[illegible]	6.5	3.5	14.7	10.1
2	14.6	16.3	20.2	2.2	1.4	.7	2.7	7.0	9.0	15.4	15.1	20.0	22.4	[illegible]	23.2	20.7	10.6	13.5	12.0	16.7	14.3	10.9	10.3	10.4	14.1	23.5
3	0.4	[illegible]	[illegible]	6.5	5.6	[illegible]	[illegible]	7.6	[illegible]	10.7	[illegible]	[illegible]	21.6	[illegible]	22.2	13.7	[illegible]	[illegible]	12.5	12.7	[illegible]	[illegible]	4.6	[illegible]	[illegible]	[illegible]
4	3.5	2.6	[illegible]	.9	.7	.4	[illegible]	[illegible]	9.7	[illegible]	[illegible]	13.7	10.7	[illegible]	15.2	17.2	15.9	14.2	13.6	11.6	6.0	7.0	6.9	5.5	[illegible]	17.2
5	4.2	6.2	[illegible]	[illegible]	2.2	.0	2.6	6.6	[illegible]	13.6	[illegible]	15.7	[illegible]	[illegible]	[illegible]	16.4	20.6	20.6	21.7	[illegible]	13.6	[illegible]	[illegible]	7.5	11.5	21.7
6	3.2	[illegible]	6.2	6.4	6.6	[illegible]	6.4	[illegible]	15.7	17.6	[illegible]	21.2	20.3	22.7	[illegible]	24.7	23.2	24.0	23.4	20.5	16.1	14.0	15.2	14.2	15.0	24.7
7	12.2	12.2	11.0	11.6	[illegible]	11.6	11.1	16.0	15.2	16.2	16.6	14.5	[illegible]	14.7	15.6	13.7	15.0	[illegible]	[illegible]	7.0	[illegible]	[illegible]	5.7	[illegible]	[illegible]	[illegible]
8	5.7	[illegible]	7.3	[illegible]	4.6	[illegible]	6.2	7.1	9.1	[illegible]	[illegible]	12.1	15.3	[illegible]	[illegible]	14.9	15.6	14.8	14.1	13.2	10.1	6.0	5.4	3.1	9.3	15.6
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.7	[illegible]	[illegible]	[illegible]	3.1	2.7	2.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	.3	.5	.6	-.7	-.7	-1.1	3.1	5.6	5.3	6.6	[illegible]	9.7	6.7	10.5	10.9	9.0	9.1	9.3	9.5	9.6	9.3	3.2	7.6	4.6	6.0	10.9
11	[illegible]	-1.5	-1.6	-1.0	-.4	-.3	1.4	6.1	9.4	10.0	[illegible]	[illegible]	17.0	14.7	14.3	17.6	13.6	13.3	13.0	16.0	11.0	9.0	9.0	[illegible]	3.7	[illegible]
12	6.2	[illegible]	4.1	1.7	-.1	1.7	3.3	9.7	11.3	13.3	18.1	[illegible]	16.0	21.2	20.2	19.0	20.5	20.0	20.5	17.5	14.6	12.3	12.0	11.5	12.6	21.2
13	6.6	[illegible]	[illegible]	[illegible]	4.7	4.7	[illegible]	13.2	16.0	19.9	21.0	22.7	23.5	24.6	25.2	25.4	25.0	23.6	23.3	20.7	17.6	13.0	11.9	11.3	16.9	25.0
14	13.4	12.4	12.7	[illegible]	15.0	11.7	[illegible]	[illegible]	19.4	[illegible]	20.1	[illegible]	21.6	21.7	[illegible]	23.6	23.2	23.3	21.6	19.7	13.1	17.4	16.2	12.0	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24.7	26.0	25.4	25.3	[illegible]	22.5	[illegible]	15.0	15.5	14.3	17.1	[illegible]
16	14.2	14.1	[illegible]	[illegible]	16.0	11.6	12.6	[illegible]	17.4	[illegible]	[illegible]	20.6	21.2	21.3	20.7	20.1	19.7	[illegible]	20.0	18.1	16.0	12.9	10.2	11.1	16.2	21.3
17	[illegible]	10.4	[illegible]	[illegible]	[illegible]	6.3	[illegible]	10.6	11.1	12.0	11.7	12.4	14.3	[illegible]	17.1	17.2	16.6	15.6	15.5	14.6	16.4	13.7	13.3	9.6	12.7	17.7
18	8.3	[illegible]	6.0	[illegible]	4.1	2.3	[illegible]	[illegible]	5.0	3.0	6.6	3.4	2.1	4.7	3.2	2.9	4.2	7.0	5.2	4.5	2.2	.7	.1	-2.6	3.3	9.3
19	-2.2	-1.7	-2.1	-2.2	-2.6	-2.6	.6	6.7	6.2	10.6	12.7	12.5	12.2	14.7	12.1	[illegible]	[illegible]	14.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.5	[illegible]
20	2.2	[illegible]	-1.3	[illegible]	1.5	1.0	2.6	5.4	5.7	7.0	[illegible]	9.3	6.6	10.7	9.2	9.9	7.2	5.4	5.4	5.5	6.0	1.5	-.9	-1.2	4.6	10.7
21	[illegible]	[illegible]	-3.2	[illegible]	-3.0	-6.3	-.6	[illegible]	4.6	7.3	6.2	12.6	15.6	[illegible]	7.0	5.0	6.6	9.5	12.1	12.6	[illegible]	4.6	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	.0	[illegible]	1.2	2.6	[illegible]	6.6	[illegible]	12.1	13.1	14.5	16.3	16.7	16.3	18.5	17.0	19.0	10.4	12.5	13.1	10.2	8.5	9.0	11.6	[illegible]
23	-4.6	[illegible]	-2.2	-3.2	-3.0	-4.6	6.3	[illegible]	11.7	15.7	17.7	22.0	17.4	[illegible]	21.7	22.6	25.3	22.4	22.6	[illegible]	13.6	13.6	13.6	11.7	13.7	[illegible]
24	6.0	[illegible]	[illegible]	[illegible]	1.6	2.0	5.2	14.5	20.7	23.0	23.0	25.2	24.0	[illegible]	24.6	25.6	25.2	25.2	24.2	21.5	16.6	12.3	11.1	7.0	16.1	25.6
25	6.3	7.3	11.3	[illegible]	14.6	14.0	13.7	16.5	16.0	17.0	16.0	14.7	13.5	12.5	[illegible]	15.5	15.2	13.6	10.6	[illegible]	[illegible]	[illegible]	7.6	6.5	[illegible]	[illegible]
26	-2.2	[illegible]	[illegible]	[illegible]	-2.5	[illegible]	[illegible]	[illegible]	6.0	[illegible]	[illegible]	12.7	15.3	[illegible]	17.2	17.6	20.2	20.3	10.4	16.5	10.2	6.4	5.3	5.1	9.0	20.3
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15.2	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.6	[illegible]	13.6	16.0	16.0	21.1	21.2	23.6	[illegible]	25.3	25.0	25.7	24.1	23.0	20.0	15.9	13.5	12.2	10.5	16.1	25.3
29	11.1	[illegible]	[illegible]	[illegible]	[illegible]	2.0	8.1	14.3	15.6	13.0	[illegible]	25.1	27.1	26.4	29.7	29.0	[illegible]	29.7	27.0	24.0	18.6	16.9	13.7	11.7	17.5	[illegible]
30	.7	[illegible]	[illegible]	[illegible]	5.0	4.6	6.1	13.1	16.6	21.0	24.6	30.1	26.7	27.7	27.6	27.4	29.5	29.5	23.1	24.7	15.5	13.2	12.6	11.9	17.5	30.1
31																										
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

JULY,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 02 OCT 75 *
****
* Subject To *
* Revision *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9.9	8.7	9.0	9.6	7.3	5.7	9.4	15.9	17.5	20.9	23.2	23.0	31.5	32.4	32.9	32.4	32.0	30.3	23.1	23.0	23.1	18.6	13.9	17.2	20.5	32.9
2	14.7	14.1	12.9	12.6	9.1	8.3	12.4	15.6	19.9	22.4	23.9	29.0	31.1	30.9	30.2	30.5	30.4	29.8	27.0	25.2	22.0	21.6	20.7	18.9	21.5	31.1
3	15.0	13.9	12.5	10.9	12.7	13.0	13.7	15.1	20.3	22.2	24.0	25.2	29.5	27.3	26.4	26.0	25.9	27.2	24.6	22.1	19.0	15.5	14.2	14.9	19.6	29.5
4	16.0	12.1	10.5	9.4	8.2	7.3	11.6	15.2	16.5	19.6	20.4	22.3	25.4	26.9	26.3	26.0	26.4	27.4	24.9	23.6	20.9	18.3	16.3	16.3	19.9	27.4
5	14.9	14.5	12.5	11.9	11.5	11.9	12.9	16.8	17.9	19.0	21.1	22.9	24.5	24.7	25.6	25.4	25.2	26.2	26.6	24.9	20.7	13.1	16.2	14.9	19.2	26.6
6	15.0	12.9	12.4	10.9	9.0	8.9	12.2	16.6	19.9	20.1	22.1	24.0	25.9	26.5	26.9	29.5	28.3	27.7	26.5	25.0	20.4	16.6	15.5	16.1	19.6	29.5
7	14.5	14.0	14.0	13.0	10.9	11.3	14.6	21.2	22.4	26.7	29.2	29.5	29.3	31.7	31.9	31.4	30.5	29.4	23.9	27.2	24.4	21.2	13.3	13.5	22.5	31.9
8	20.4	19.7	19.5	16.5	13.6	12.6	14.3	19.0	20.6	23.4	25.7	26.7	29.7	30.3	30.7	25.1	20.2	19.9	19.4	20.0	19.5	17.7	16.3	17.1	20.7	30.7
9	14.7	15.0	15.4	15.0	14.8	15.2	16.6	19.3	21.2	22.6	25.2	27.2	27.6	26.3	25.5	26.2	26.6	25.9	23.2	20.2	19.1	17.2	17.4	16.5	20.6	27.6
10	12.7	9.9	9.1	10.4	10.6	10.9	13.9	17.5	20.8	23.1	25.5	25.2	26.0	27.2	27.9	28.2	29.3	29.2	25.1	25.4	23.5	20.8	19.5	17.3	20.3	29.3
11	15.8	14.7	12.2	11.4	9.6	10.3	12.3	16.7	19.5	21.8	25.1	25.2	24.0	29.7	29.6	29.2	27.4	25.9	25.3	24.7	23.4	22.1	20.9	19.2	20.7	29.7
12	15.4	15.4	15.4	13.5	11.5	10.4	12.0	15.2	19.5	22.9	23.6	24.5	27.2	27.5	27.4	28.5	29.4	27.7	25.2	24.3	21.7	19.6	18.1	17.0	21.6	29.4
13	12.6	11.6	11.9	13.5	13.7	12.6	16.1	23.1	23.1	24.0	25.2	24.1	23.6	24.6	24.4	23.0	24.5	22.1	21.5	19.9	17.4	14.8	14.0	12.2	19.1	25.2
14	11.5	10.9	11.1	10.6	9.4	6.2	11.9	15.5	17.1	19.5	23.5	26.0	28.6	29.7	29.4	29.1	30.2	30.2	26.0	21.2	19.4	17.3	16.3	17.7	19.6	30.2
15	14.6	13.6	12.4	9.7	8.0	9.8	11.0	15.3	20.7	23.0	25.3	22.2	21.7	18.9	20.3	20.7	19.2	13.0	20.2	16.9	15.3	15.3	15.1	13.7	16.9	25.3
16	14.2	13.6	13.1	12.1	10.8	10.2	11.8	14.0	14.1	13.0	15.7	14.7	15.4	17.3	20.5	19.0	14.3	12.9	12.8	11.7	10.9	10.8	10.7	9.7	13.5	20.5
17	6.2	6.4	6.3	6.1	5.0	6.6	8.5	12.1	15.1	16.2	18.7	21.3	23.2	26.6	25.9	27.6	27.3	26.5	25.5	22.7	19.4	17.5	19.4	13.1	17.9	27.6
18	14.1	12.1	11.1	11.2	10.5	10.0	12.4	15.2	22.9	[illegible]	[illegible]	27.5	27.2	28.3	25.9	28.0	29.6	30.1	22.2	23.0	20.2	19.0	17.4	15.1	21.3	30.1
19	14.6	12.9	12.6	12.3	11.2	11.1	13.6	17.5	22.6	23.4	26.3	27.9	29.5	27.7	30.4	29.6	29.8	30.5	30.0	26.2	21.9	13.7	13.2	13.2	21.5	30.5
20	13.2	17.3	15.9	15.0	14.8	13.0	14.0	15.7	21.6	23.5	25.2	28.1	29.5	29.2	30.5	32.4	29.7	28.9	27.9	26.5	22.0	20.6	17.9	13.6	22.4	32.4
21	16.2	15.5	15.0	14.2	11.7	10.4	14.1	15.7	20.4	23.5	27.0	29.5	29.3	30.3	29.3	23.9	22.5	22.0	24.5	23.9	17.6	15.9	14.9	10.7	19.9	30.3
22	10.5	11.5	11.5	11.0	11.3	10.8	13.9	16.2	20.8	23.7	25.4	28.1	27.9	29.6	30.9	31.5	30.9	29.7	29.7	25.6	21.4	19.7	16.9	16.5	21.9	31.5
23	14.2	12.5	11.5	10.5	11.0	10.0	12.9	17.4	19.9	22.4	24.9	26.9	29.7	29.3	29.5	30.3	29.9	23.9	22.2	24.2	20.9	17.2	16.1	15.4	20.5	30.3
24	14.1	14.5	12.9	13.2	11.9	10.9	12.0	19.1	24.3	24.3	26.0	29.3	28.0	29.4	30.7	30.5	30.3	30.9	29.9	25.9	19.2	17.0	16.3	16.9	21.5	30.9
25	14.2	[illegible]	11.3	11.4	10.7	11.1	13.4	[illegible]	22.2	25.4	27.7	29.9	29.1	29.6	29.4	30.5	30.2	29.2	24.2	24.2	22.7	20.4	17.0	16.5	21.5	30.5
26	13.7	13.4	11.6	10.7	11.4	10.9	12.5	[illegible]	20.3	22.0	26.2	27.2	28.5	29.5	30.6	30.7	31.0	30.0	29.0	24.0	21.2	20.0	19.0	18.2	21.2	31.0
27	14.0	12.6	12.1	10.3	10.3	10.2	13.2	19.3	22.7	25.9	27.1	29.7	31.1	32.2	31.0	33.2	30.6	31.9	30.1	25.4	21.9	20.4	19.3	20.2	23.3	33.2
28	16.0	16.6	14.7	[illegible]	11.9	12.1	15.2	20.4	24.0	27.4	27.9	29.6	30.4	32.2	31.9	32.3	31.3	31.3	29.3	25.6	24.3	22.9	21.0	18.2	23.3	32.3
29	17.9	17.6	17.0	17.2	17.2	16.4	19.9	21.9	22.7	23.2	24.5	24.5	19.2	19.7	24.3	24.9	24.4	13.5	17.2	14.6	13.5	14.1	12.9	12.3	19.9	24.9
30	[illegible]	7.5	6.6	[illegible]	7.6	7.5	7.7	[illegible]	[illegible]	12.1	[illegible]	[illegible]	20.4	14.0	17.7	20.8	23.5	26.3	25.4	24.1	22.2	19.4	16.6	14.7	15.2	25.4
31	12.2	[illegible]	[illegible]	[illegible]	16.9	[illegible]	13.5	[illegible]	8.5	6.2	11.3	14.9	15.5	[illegible]	10.2	14.5	20.1	[illegible]	22.3	21.4	21.0	21.5	21.6	20.5	16.4	22.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.2	[illegible]	[illegible]	[illegible]	19.6	21.7	[illegible]	[illegible]	[illegible]	27.1	27.5	27.5	27.1	26.6	25.6	23.2	20.4	18.6	17.2	15.4	19.9	[ ]

WEATHER LOG

Month [illegible] Year [illegible] Location [illegible]

	1000			1600				
Day	Sky	Precip.	Ground	Sky	Precip.	Ground	Comments	By
1	Φ	—	Dry	Φ	—	Dry		
2	Φ		Dry	Φ		Dry		
3	O	-	Dry	O	—	Dry		
4	S Φ h	-	Dry	Φ	-	Dry		
5	Φ L	Lt Snow	Wet	Φ L		Wet	[illegible]	
6	S Φ h	—	Wet	Cu Φ L	—	Wet	1" Snow melted By 0900	
7	Cu ⊕ L	—	Wet	Cu ⊕ L	—	Wet		
8	Cu Φ L	—	Dry	Cu ⊕ L	—	Dry		
9	Cu Φ L	—	Dry	⊕ L	Lt showers	Wet		
10	O	—	Dry	O	—	Dry		
11	O	—	Dry	Cu Φ L	—	Dry		
12	S ⊕ h	—	Dry	S ⊕ h	—	Dry		
13	O	—	Dry	O	—	Dry		
14	O	—	Dry	O	—	Dry		
15	O	—	Dry	Cu Φ L	—	Dry		
16	S Φ h	—	Dry	S Φ h	—	Dry		
17	O	—	Dry	Cu Φ L	—	Dry		
18	⊕ L	—	Damp	Cu Φ Ci		Dry	Lt Rain Last Night	
19	Cu Φ h Ci	—	Damp	Cu Φ Ci		Dry	heavy rain last night 78°	
20	Cu Φ h	—	Damp	S ⊕ R	Rain	wet	heavy rain Last night	
21	⊕ l	—	wet	Cu Φ l S	—	wet	heavy rain last night 50°	
22	Cu Φ h Ci	-	damp	Cu Φ h S	light Rain	wet		
23	Cu Φ h	—	damp	Sc Φ Ci	—	damp		
24	Cu Φ h	—	dry	Cu Φ h	—	dry	68°	
25	O	—	dry	Ci Φ h	—	dry		
26	O	—	Dry	Cu Φ L	—	Dry		
27	Cu Φ L	—	Dry	⊕ L	Rain	Wet		
28	⊕ L	Rain	Muddy	⊕ L	Rain	Muddy		
29	⊕ L	Rain	Muddy	⊕ L	Rain	Muddy		
30	O	—	Wet	O	—	Wet		
31	Ci Φ h	—	Dry	Ci Φ h	—	Dry		

Key: Sky: O Clear; Φ Scattered (10-60%), Φ Broken (60-90%), ⊖ Overcast, Cu Cumulus Ci Cirrus, S Stratus, N Nimbus, - thin, l low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.
ALL TIMES ARE STANDARD TIME

WEATHER LOG

Month June Year 1975 Location UTAH OIL SHALE

	1000			1600				
Day	Sky	Precip.	Ground	Sky	Precip.	Ground	Comments	By
1	O	—	DRY	Ci ⦶ h	—	DRY		
2	Cu ⦶ h	—	DRY	Cu ⊕ L	—	DRY		
3	Cu ⦷ h	—	DRY	Cu ⦶ h	—	DRY	Blowing Dust after 1600 MST Some Rain Last Night	
4	Cu ⦶ L	—	DRY	Cu ⦷ L	—	DRY		
5	O	—	DRY	O	—	DRY		
6	O	—	DRY	O	—	DRY		
7	L ⦷ Cu	—	DRY	Cu ⊕ L	Lt Rain	DRY		
8	Cu ⦷ L	—	Wet	Cu ⦶ L	—	Damp	Rain Overnight	
9	Cu ⦶ L	—	DRY	Cu ⊕ L	Lt Rain	Damp		
10	Cu ⦷ L	—	DRY	Cu ⦷ L	—	DRY		
11	O	—	DRY	O	—	DRY		
12	O	—	DRY	Cu ⦶ L	—	DRY		
13	O	—	DRY	⊕ L	—	DRY		
14	O	—	DRY	Cu ⦶ L	—	DRY		
15	O	—	DRY	O	—	DRY		
16	Cu ⦶ L	—	DRY	Cu ⊕ L	—	DRY	Blowing Dust 1330 MST →	
17	Cu ⊕ L	—	DRY	Cu ⊕ L	—	DRY		
18	Cu ⦷ L	—	DRY	Cu ⊕ L	Lt Rain	WET	Lt Rain Overnight	
19	Cu ⦶ L	—	DRY	Cu ⦷ L	Lt Rain	Damp		
20	Cu ⦶ L	—	DRY	Cu ⦷ L	Lt Rain	Damp		
21	Cu ⦶ L	—	DRY	Cu ⊕ L	Occ Rain	WET		
22	O	—	DRY	Cu ⦶ L	—	DRY		
23	Cu ⦶ L	—	DRY	Cu ⦷ L	Occ Thundshr	WET		
24	Cu ⦶ L	—	DRY	Cu ⊕ L	Occ Rain	WET		
25	⊕ L	Lt Rain	WET	⊕ L	Lt Rain	WET		
26	O	—	DRY	O	—	DRY		
27	O	—	DRY	O	—	DRY		
28	O	—	DRY	O	—	DRY		
29	O	—	DRY	Cu ⦶ h	—	DRY		
30	O	—	DRY	Cu ⦶ h	—	DRY		
31								

Key: Sky: O Clear; ⦶ Scattered (10-60%), ⦷ Broken (60-90%), ⊕ Overcast, Cu Cumulus Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.

ALL TIMES ARE STANDARD TIME

WEATHER LOG

Month July Year 1975 Location UTAH - White River Oil Shale

	1000			1600				
Day	Sky	Precip.	Ground	Sky	Precip.	Ground	Comments	By
1	O	—	DRY	O	—	DRY		
2	O	—	DRY	Cu ⦷ L	—	DRY		
3	Cu ⦶ L	—	DRY	Cu ⦷ L	—	DRY		
4	O	—	DRY	Cu ⦶ L	--	DRY		
5	Ci ⦷ h	—	DRY	Cu ⊕ L	—	DRY		
6	O	—	DRY	Cu ⦶ L	—	DRY	Heavy Rain Overnight	
7	O	—	DRY	Ci ⦶ h	—	DRY	Scattered Thunder Showers After 1300 MST	
8	O	—	DRY	S ⦶ h	—	DRY	" " " "	
9	Cu ⦷ L	—	DRY	Cu ⦷ L	—	DRY	Rain Last Night	
10	Cu ⦶ L	—	DRY	Cu ⦷ L	—	DRY		
11	O	—	DRY	Cu ⦶ L	—	DRY		
12	Cu ⦶ L	—	DRY	Cu ⦷ L	—	DRY		
13	Cu ⦶ L	-	DRY	Cu ⦷ L	RAIN	Wet	Rained Again About 2100 MST	
14	O	—	DRY	Cu ⦶ L	—	DRY		
15	Cu ⦷ L	—	DRY	⊕ L	Thundershowers	Wet	Thundershowers overnight	
16	⊕ L	Thundershowers	Wet	⊕	RAIN	muddy	Rained All evening	
17	Cu ⦶ L	—	DAMP	Cu ⦶ L	—	DRY		
18	O	—	DRY	Cu ⦶ L	—	DRY	Lt Rain Last Night	
19	Cu ⦶ L	—	DRY	Cu ⦶ L	—	DRY		
20	Cu ⦶ L	—	DRY	Cu ⦷ L	—	DRY		
21	Cu ⦶ L	—	DRY	Cu ⦷ L	—	DRY	Lt Rain Last Night	
22	O	—	DRY	Cu ⦶ L	—	DRY		
23	O	—	DRY	Cu ⦷ L	Lt RAIN	DAMP		
24	O	—	DRY	S ⦶ h	—	DRY		
25	O	—	DRY	Cu ⦶ L	—	DRY		
26	O	—	DRY	Cu ⦶ L	—	DRY		
27	O	—	DRY	S ⦶ h	—	DRY		
28	Cu ⦶ L	—	DRY	Cu ⦷ L	-	DRY		
29	Cu ⊕ L	—	DRY	Cu ⊕ L	Thunder Showers	WET		
30	Cu ⦷ L	—	Wet	S ⦶ h	Showers Scattered	wet	Heavy Rain Last Night	
31	Cu ⦶ L	—	DRY	Cu ⦷ L	—	DRY		

Key: Sky: O Clear; ⦶ Scattered (10-60%), ⦷ Broken (60-90%), ⊕ Overcast, Cu Cumulus
Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

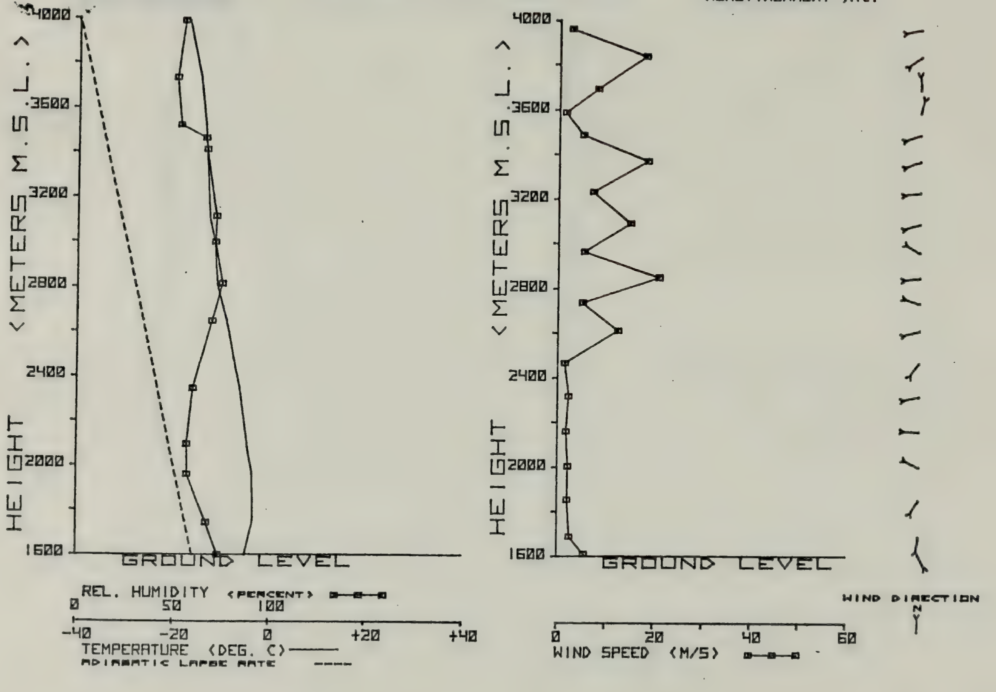
Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.
ALL TIMES ARE STANDARD TIME

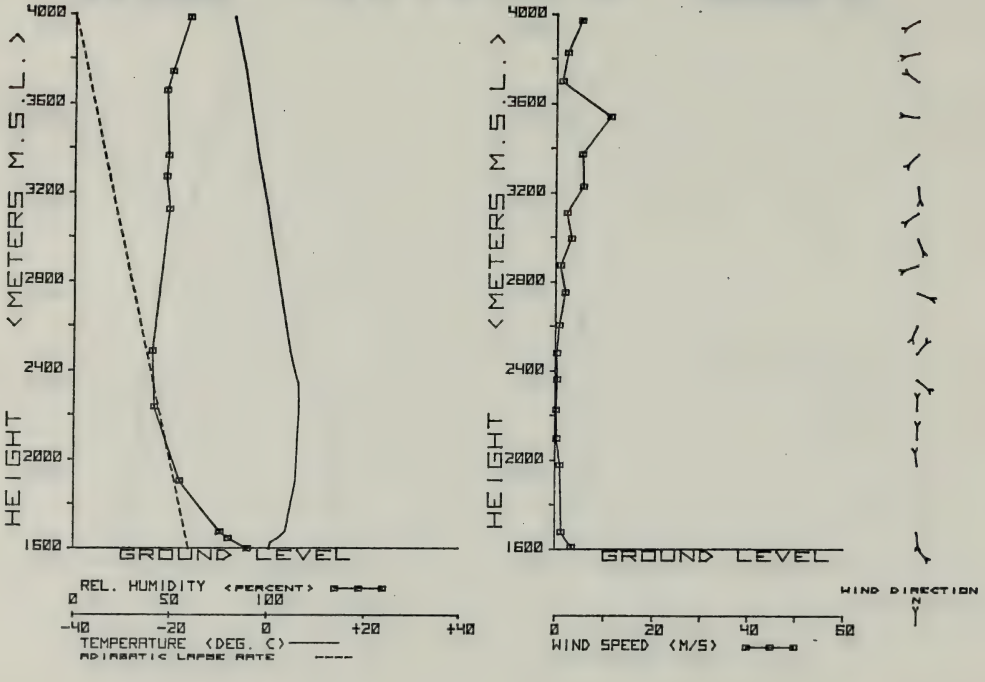
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 6 MAY 75 0537 MST AEROVIRONMENT INC.



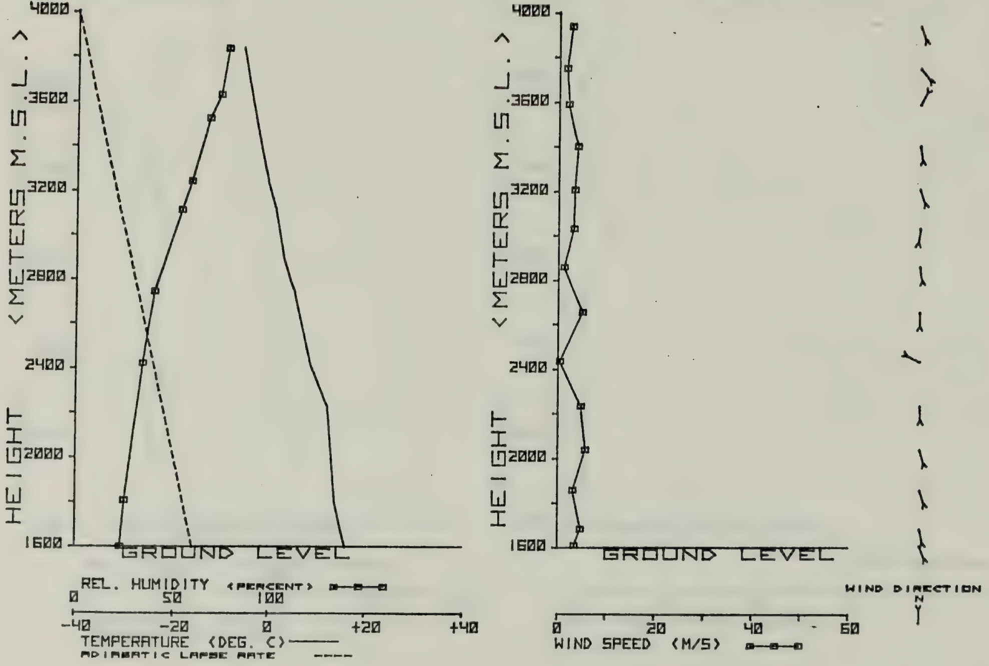
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-8 9 MAY 75 0512 MST AEROVIRONMENT INC.



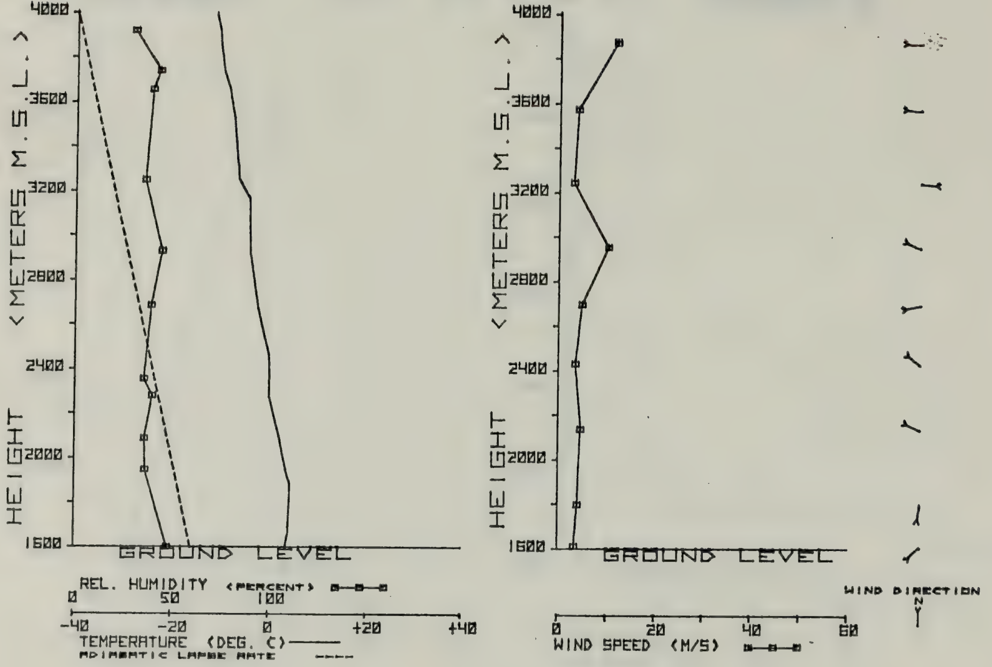
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 9 MAY 75 1344 MST AEROVIRONMENT INC.



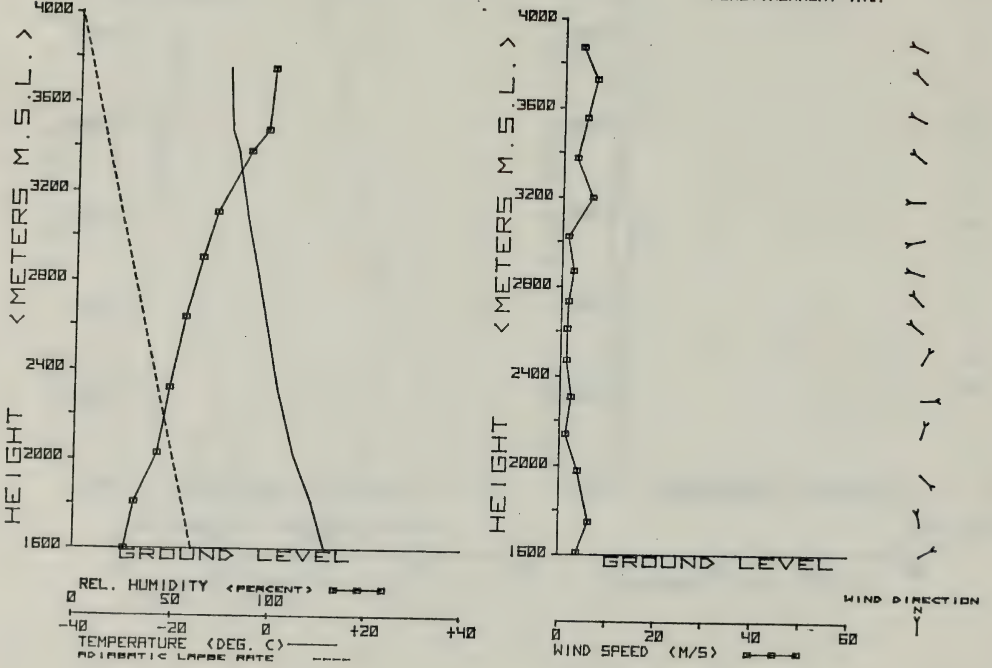
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 12 MAY 75 0501 MST AEROVIRONMENT INC.



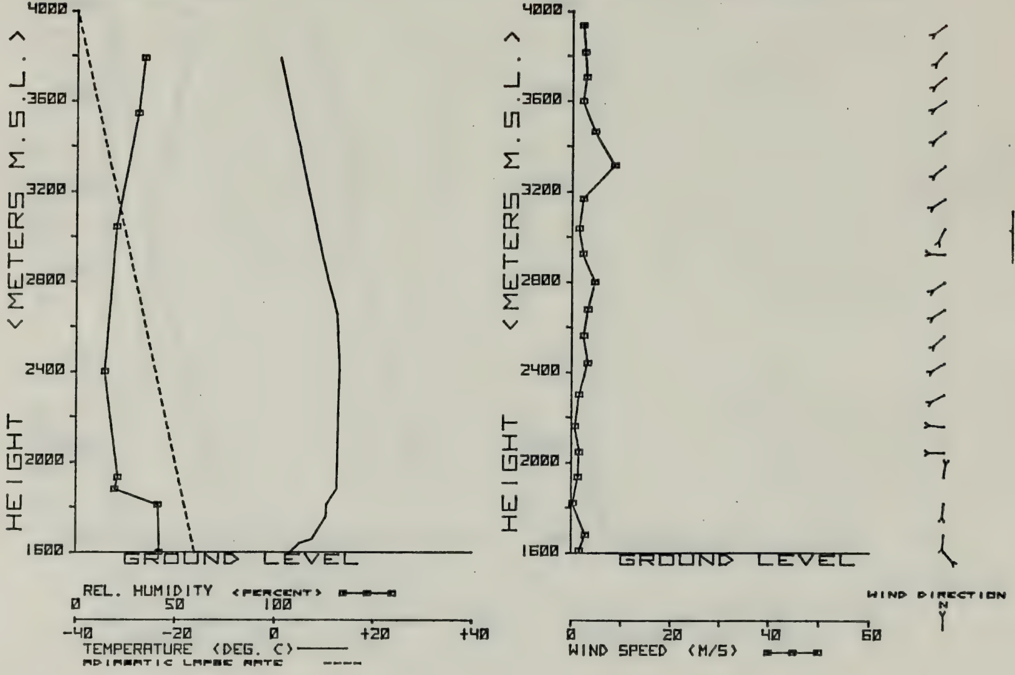
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE   SITE A-6   12 MAY 75   1404 MST   AEROVIRONMENT INC.



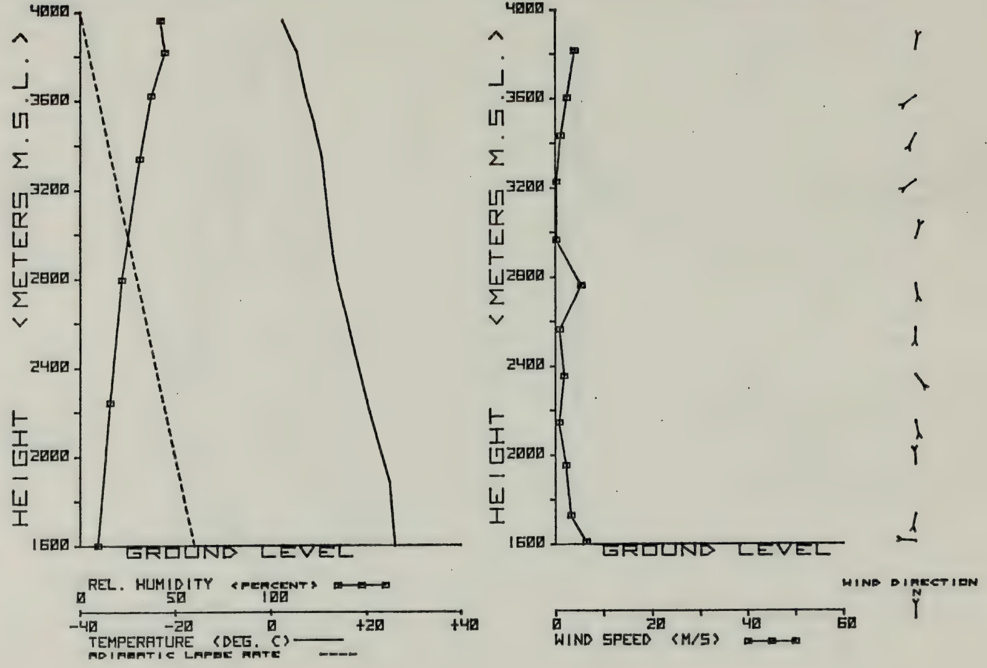
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 15 MAY 75 0510 MST AEROVIRONMENT INC.



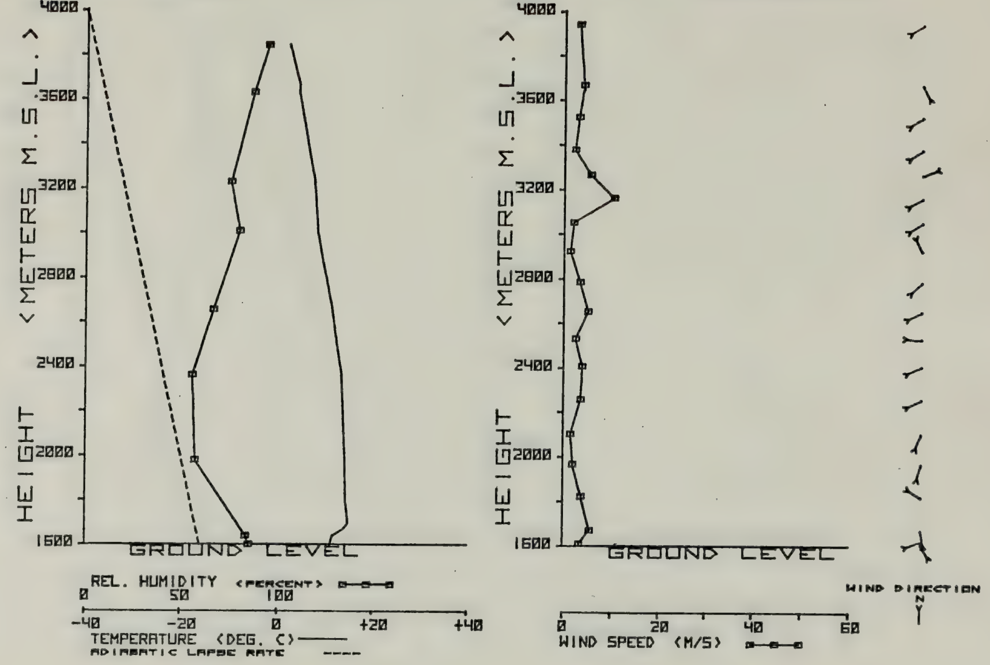
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 15 MAY 75 1249 MST AEROVIRONMENT INC.



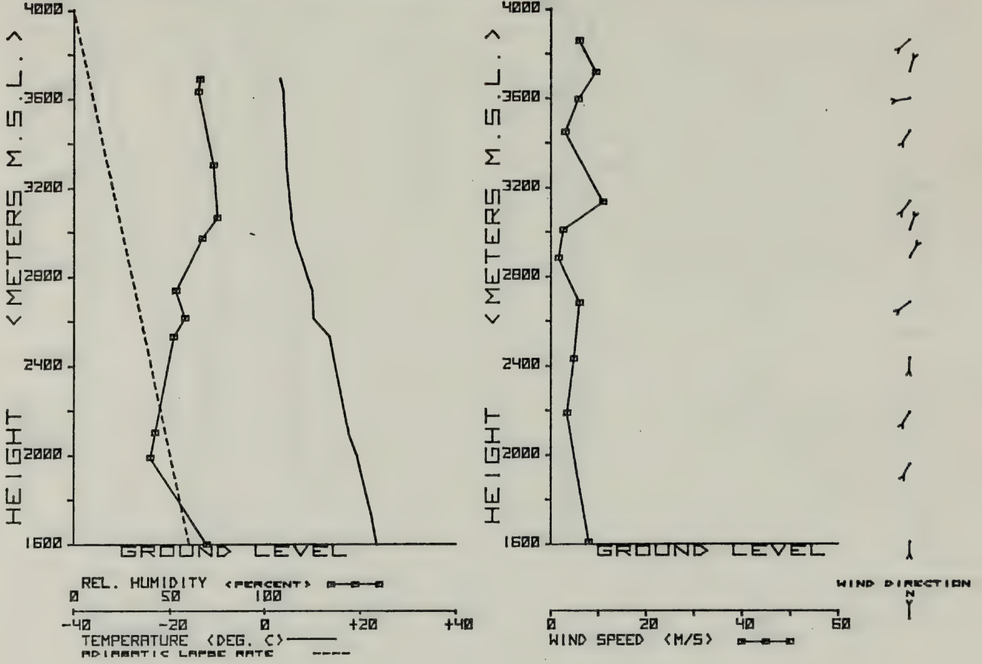
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 18 MAY 75 0456 MST AEROVIRONMENT INC.



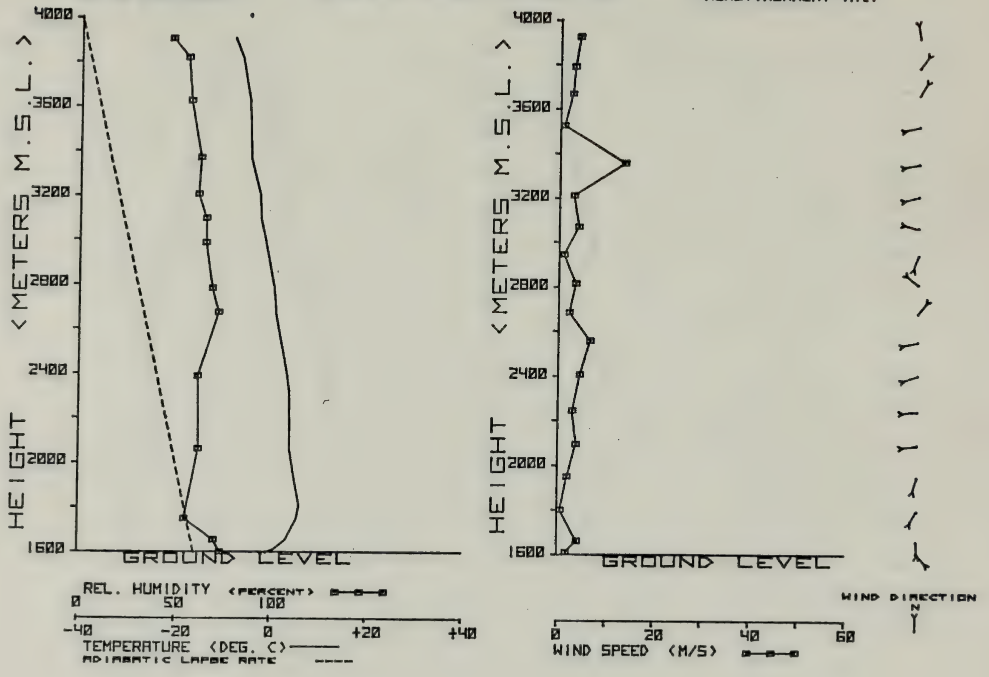
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE   SITE A-6   18 MAY 75   1351   MST   AEROVIRONMENT INC.



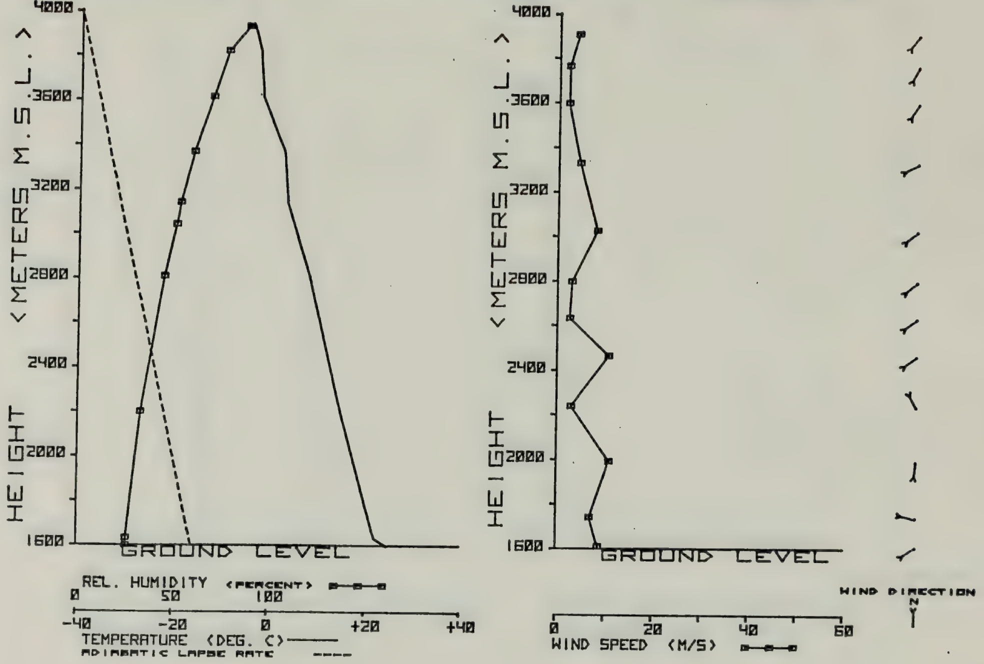
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 24 MAY 75 0505 MST AEROVIRONMENT INC.



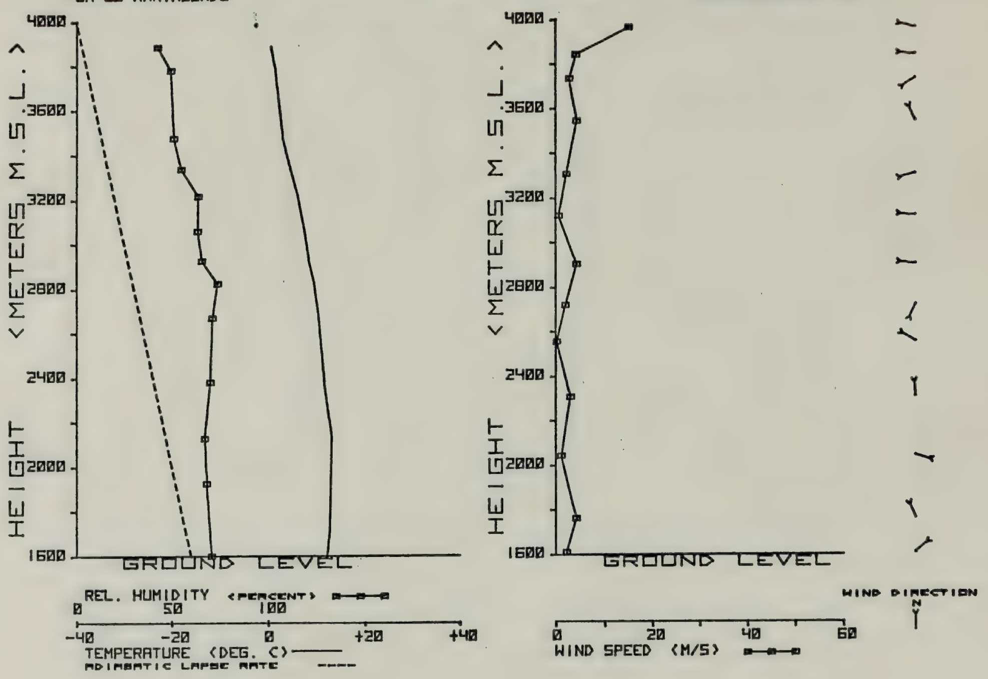
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE   SITE A-6   24 MAY 75   1408 MST   AEROVIRONMENT INC.



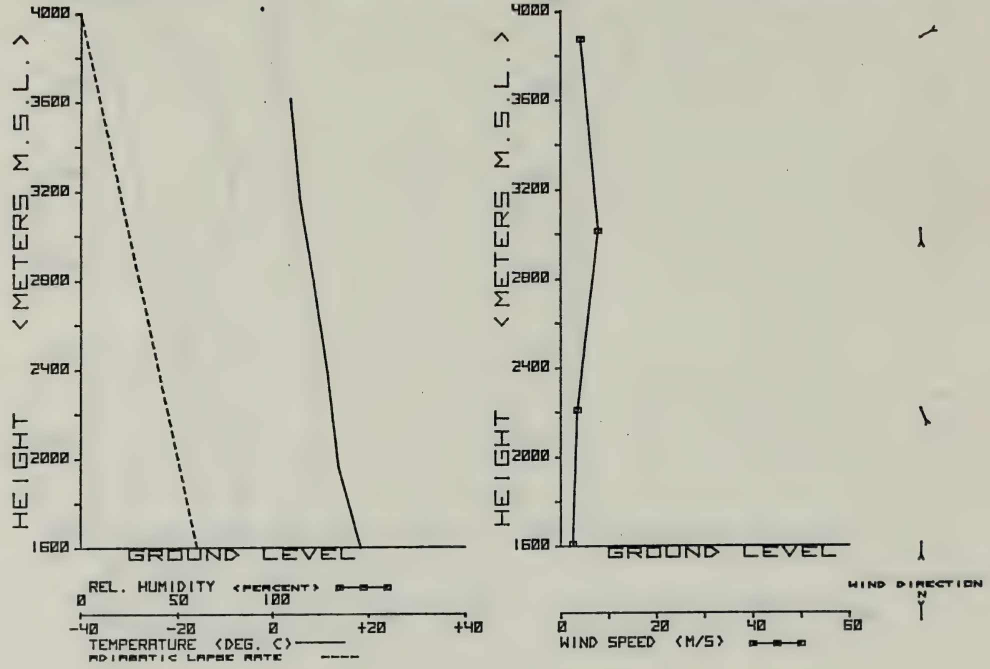
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 27 MAY 75 0507 MST AEROVIRONMENT INC.



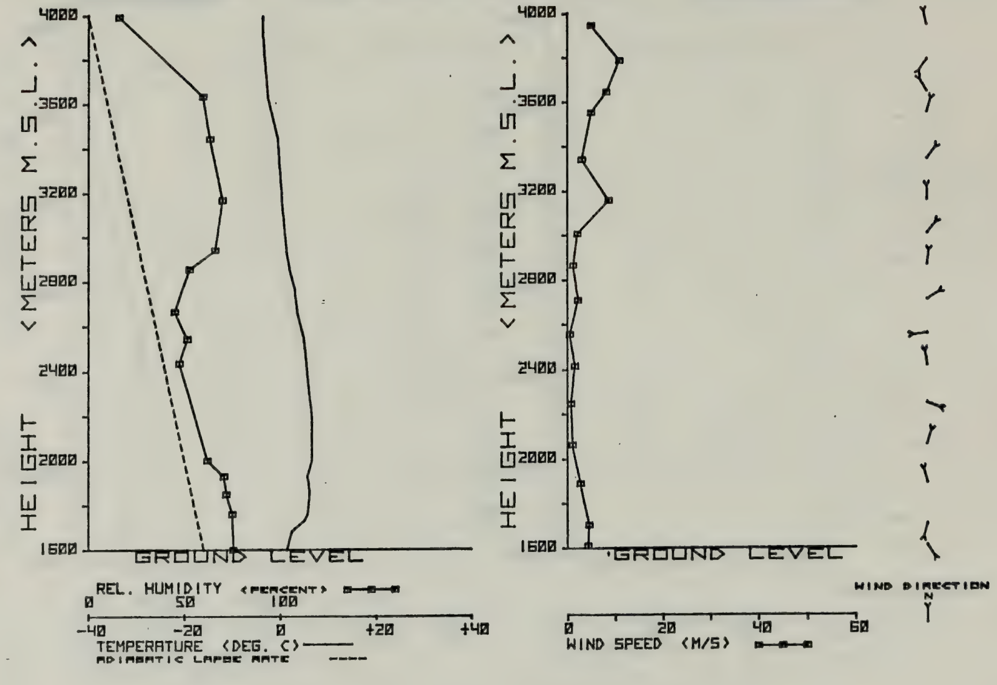
PRELIMINARY DATA
Subject to further revision.

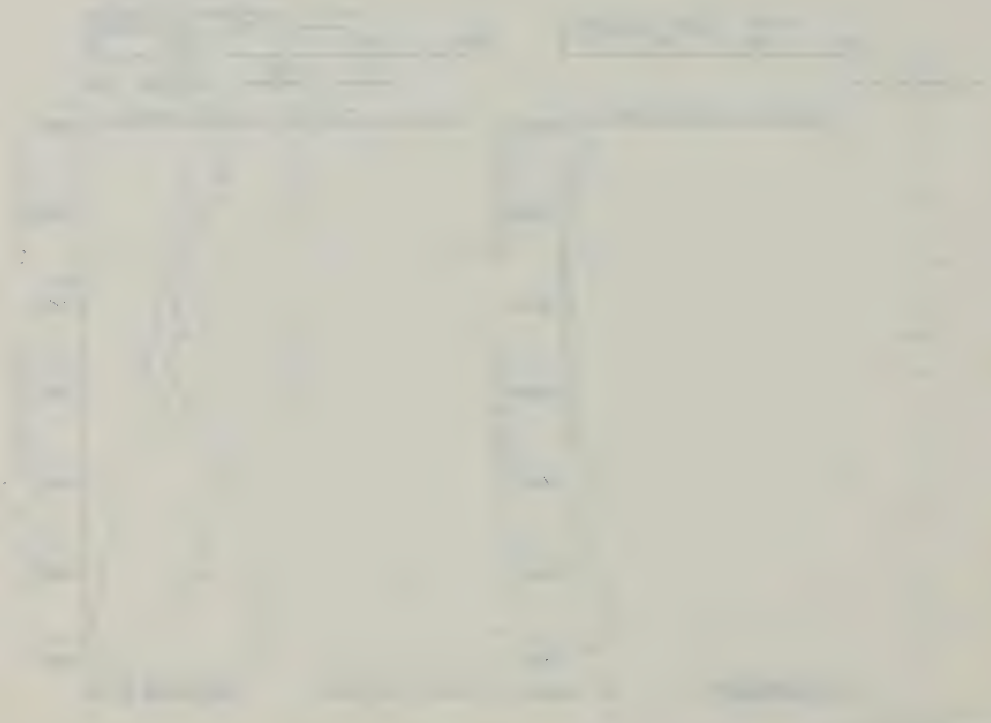
UA-UB RAWINSONDE SITE A-6 27 MAY 75 1416 MST AEROVIRONMENT INC.



PRELIMINARY DATA
Subject to further revision.

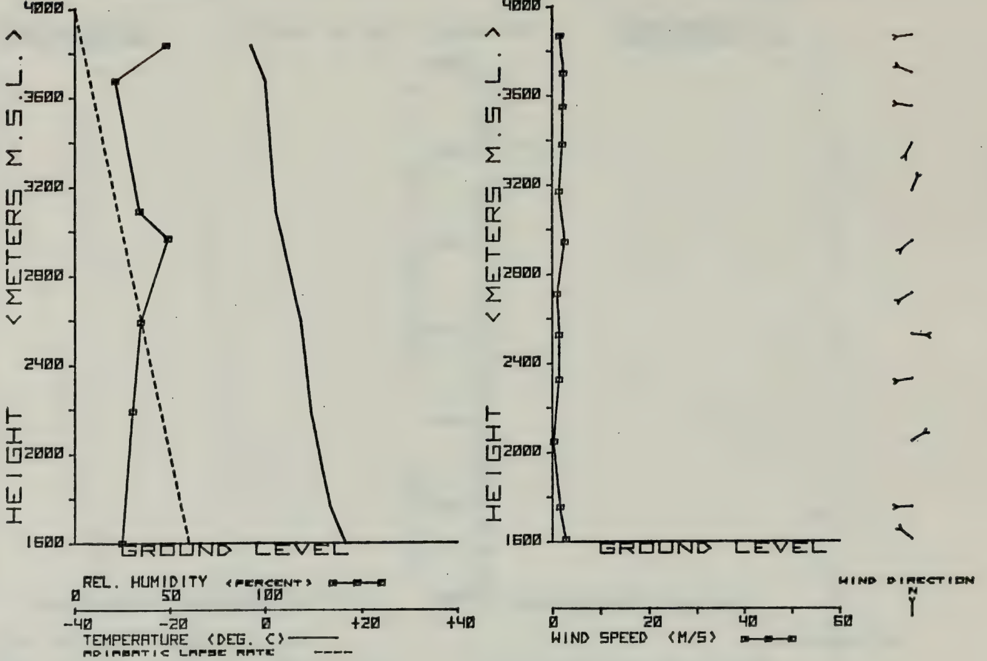
UA-UB RAWINSONDE SITE A-6 30 MAY 75 0502 MST AEROVIRONMENT INC.





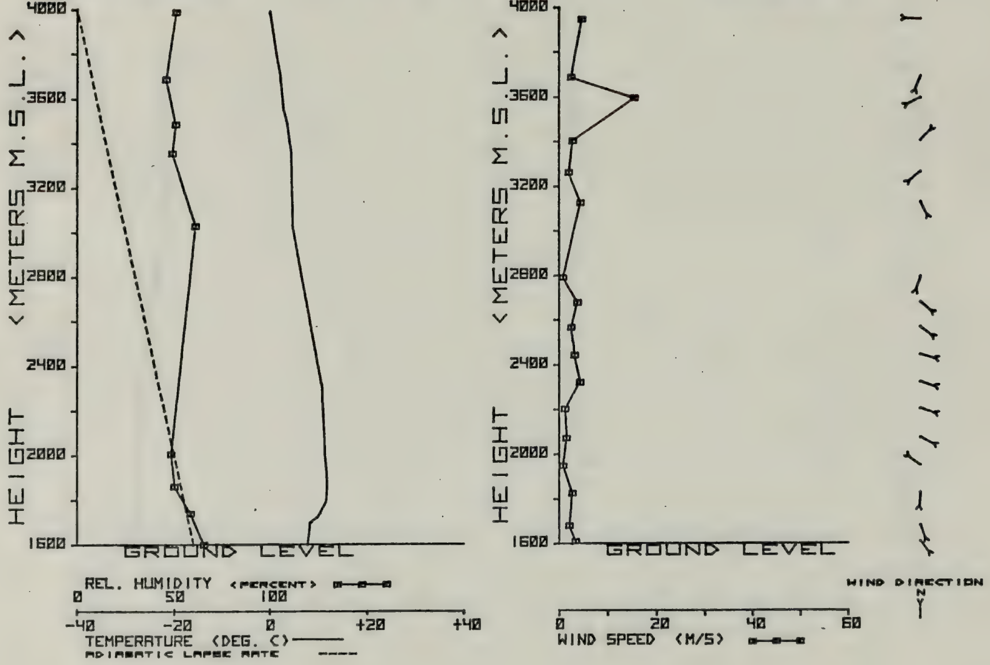
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 30 MAY 75 1417 MST AEROVIRONMENT INC.



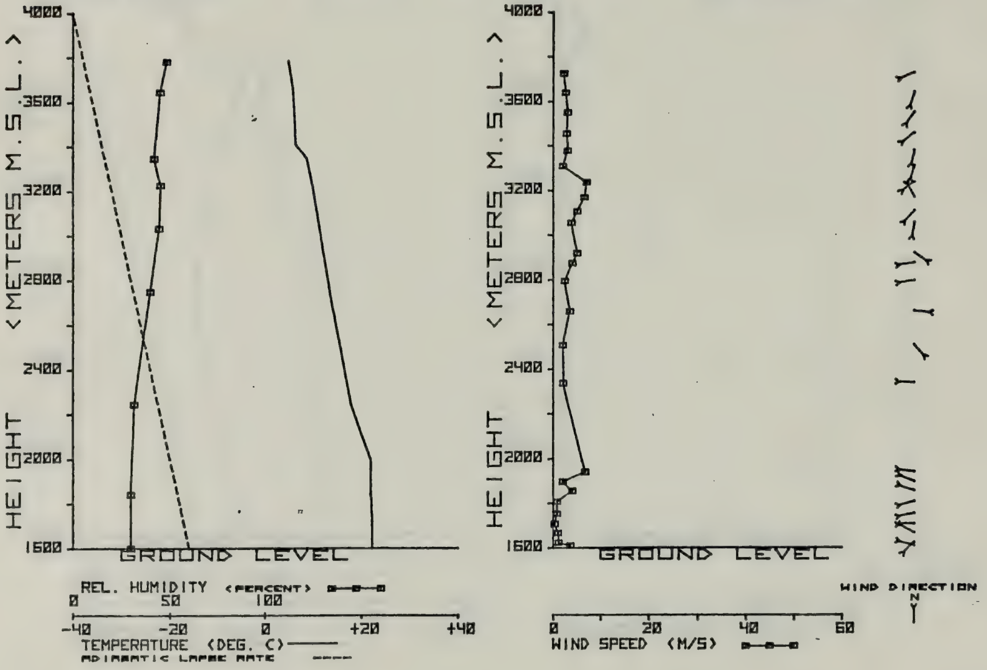
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 5 JUN 75 0525 MST AEROVIRONMENT INC.



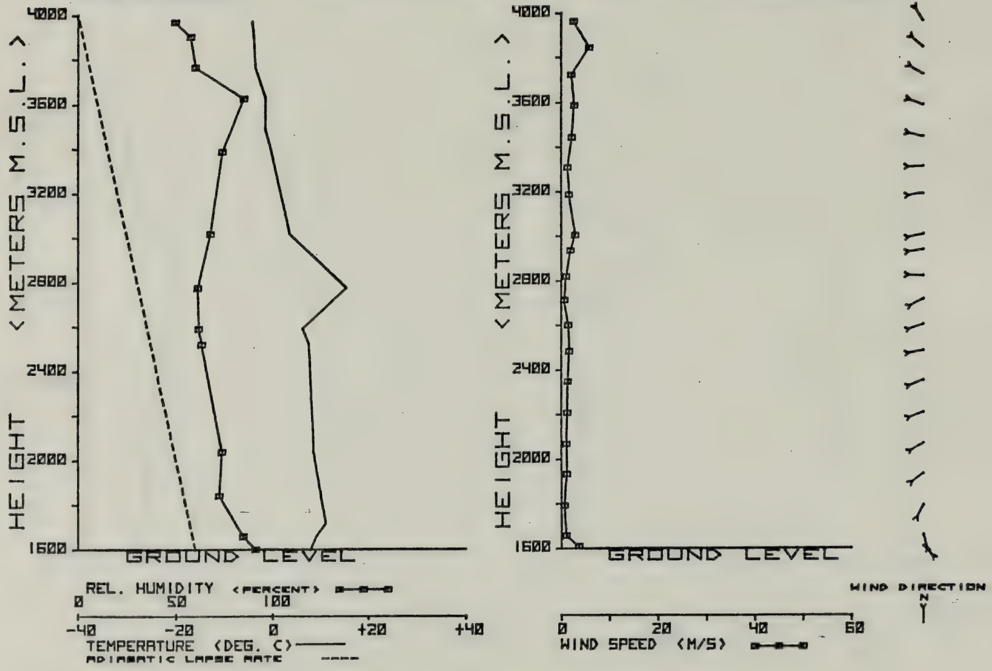
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE   SITE A-6 5 JUN 75 1612 MST   AEROVIRONMENT INC.



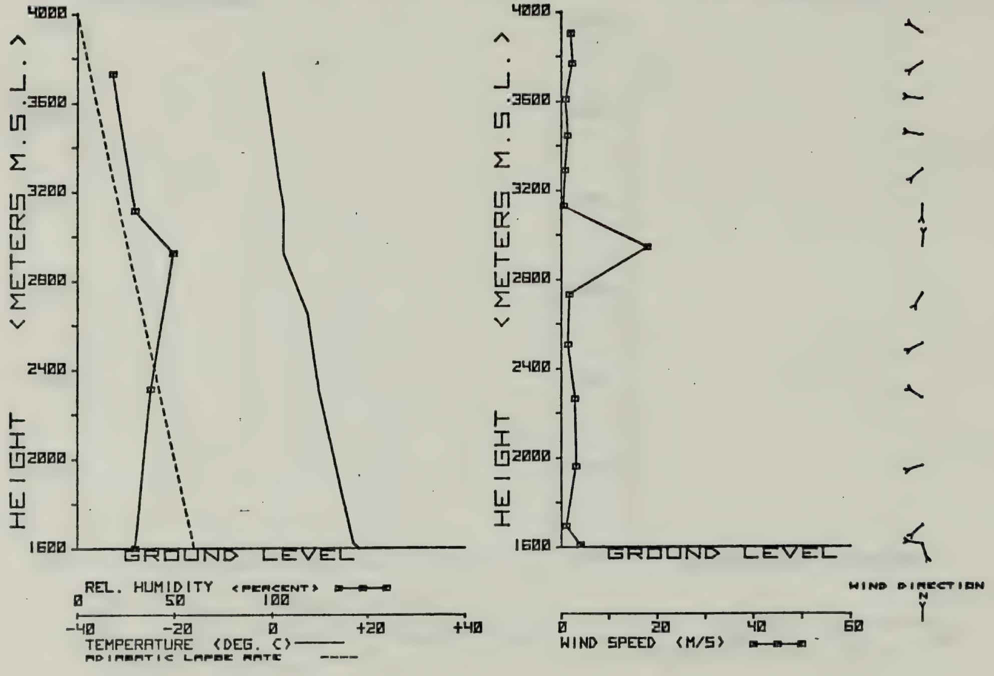
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 11 JUN 75 0520 MST AEROVIRONMENT INC.



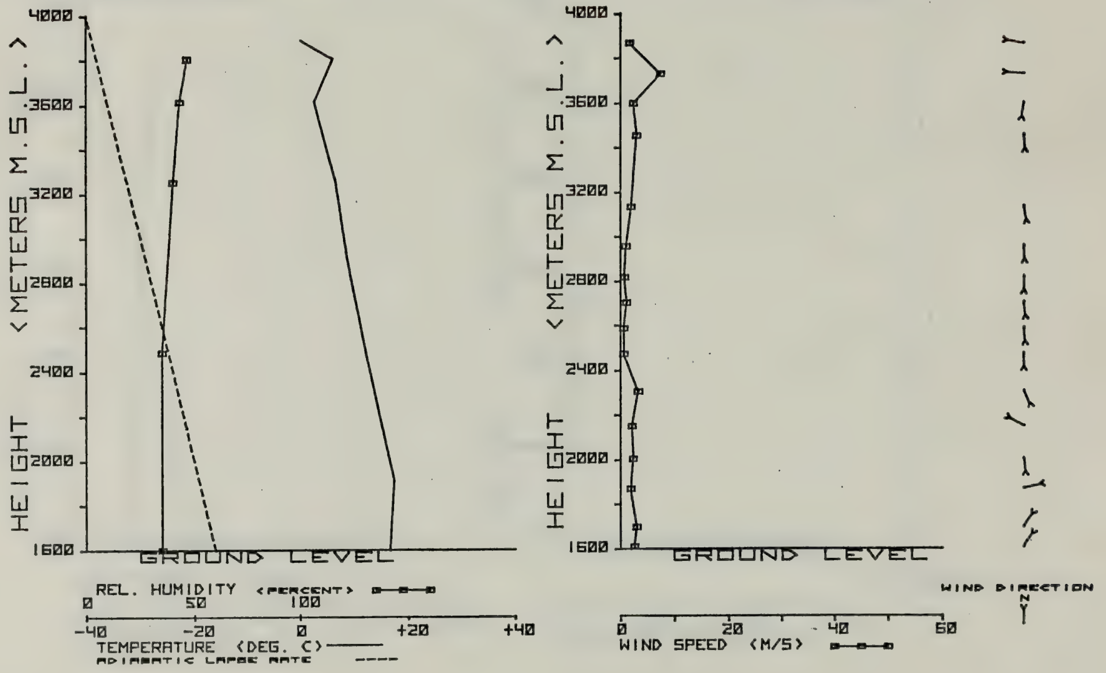
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 11 JUN 75 1411 MST AEROVIRONMENT INC.



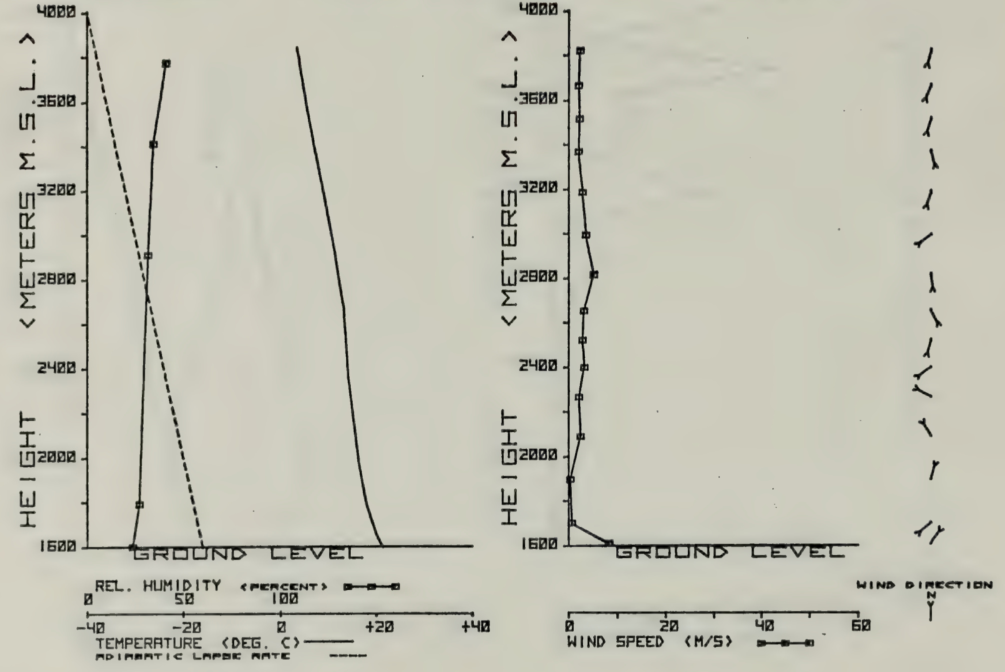
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 17 JUN 75 0536 MST AEROVIRONMENT INC.



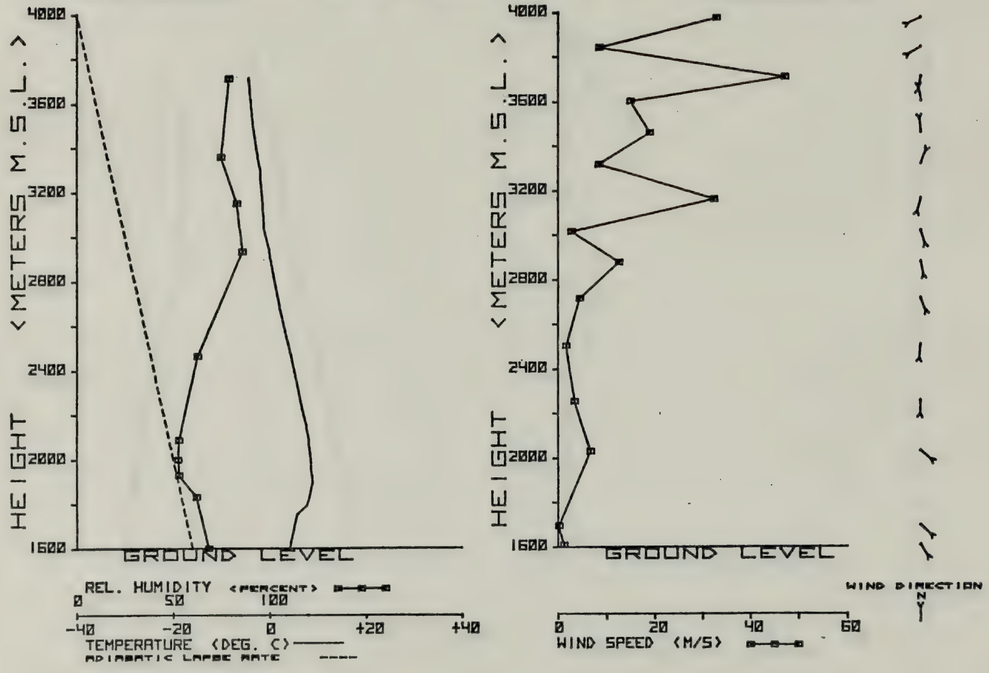
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE   SITE A-6   17 JUN 75   1400 MST   AEROVIRONMENT INC.

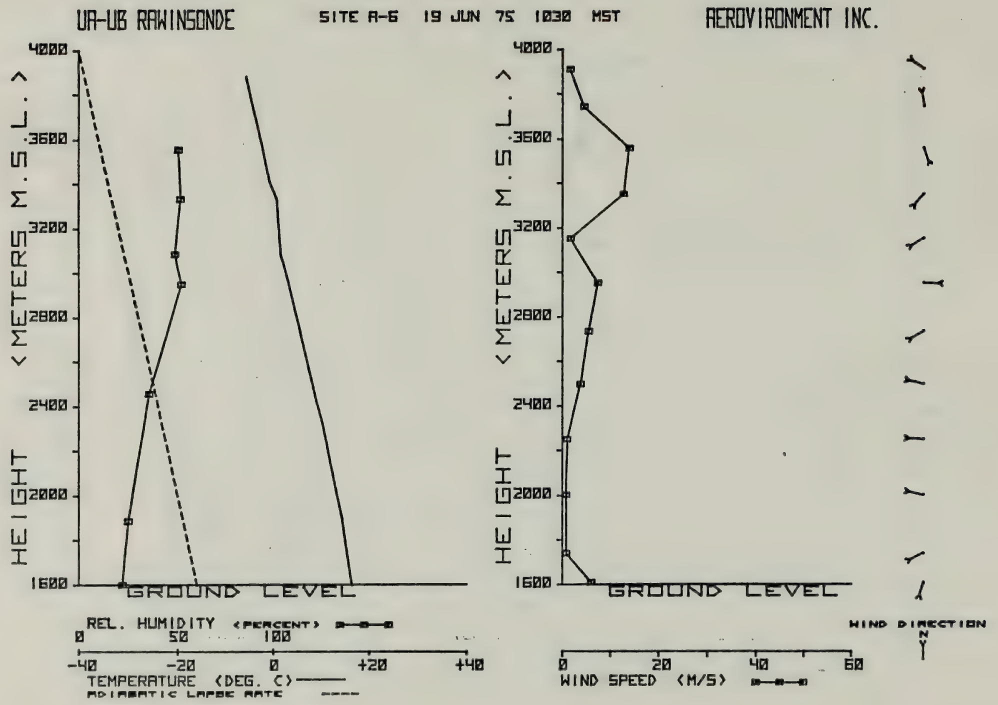


PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 19 JUN 75 0517 MST AEROVIRONMENT INC.

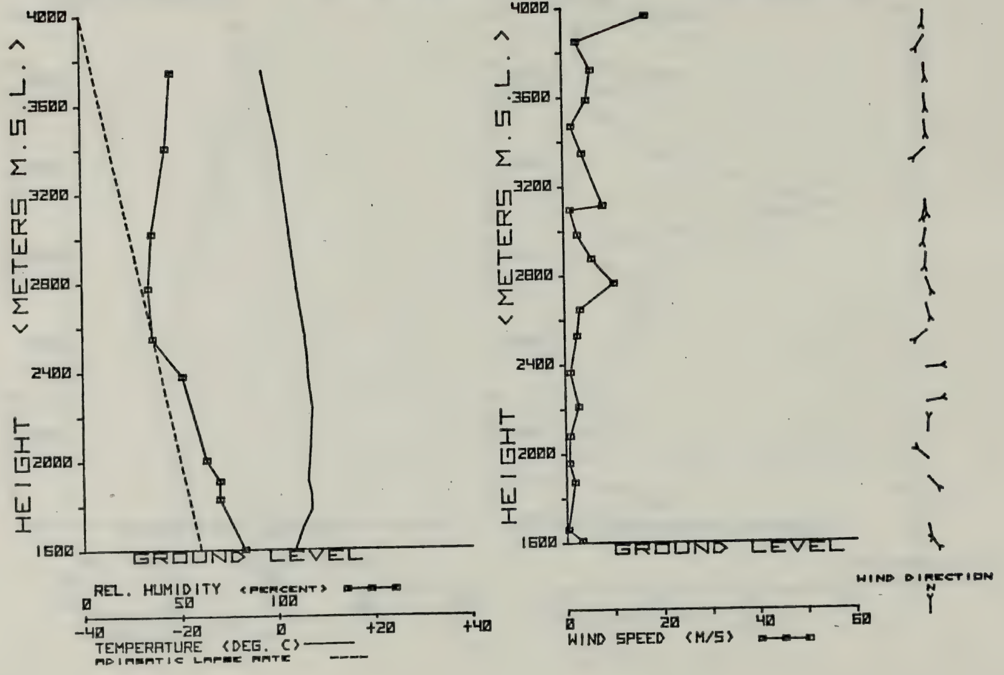


PRELIMINARY DATA
Subject to further revision.



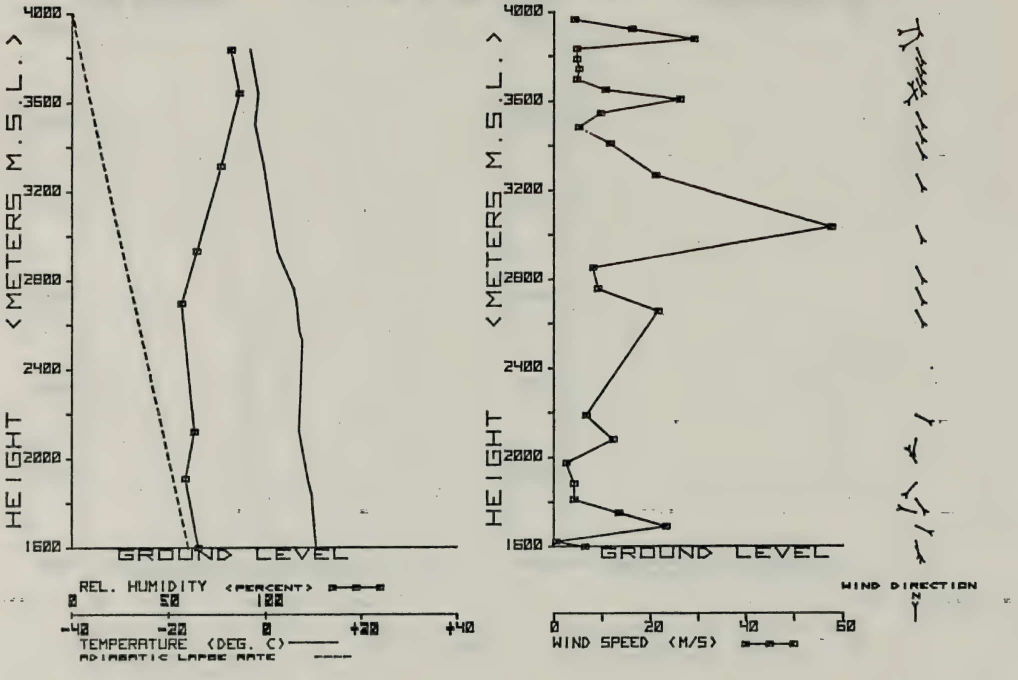
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 20 JUN 75 0539 MST AEROVIRONMENT INC.



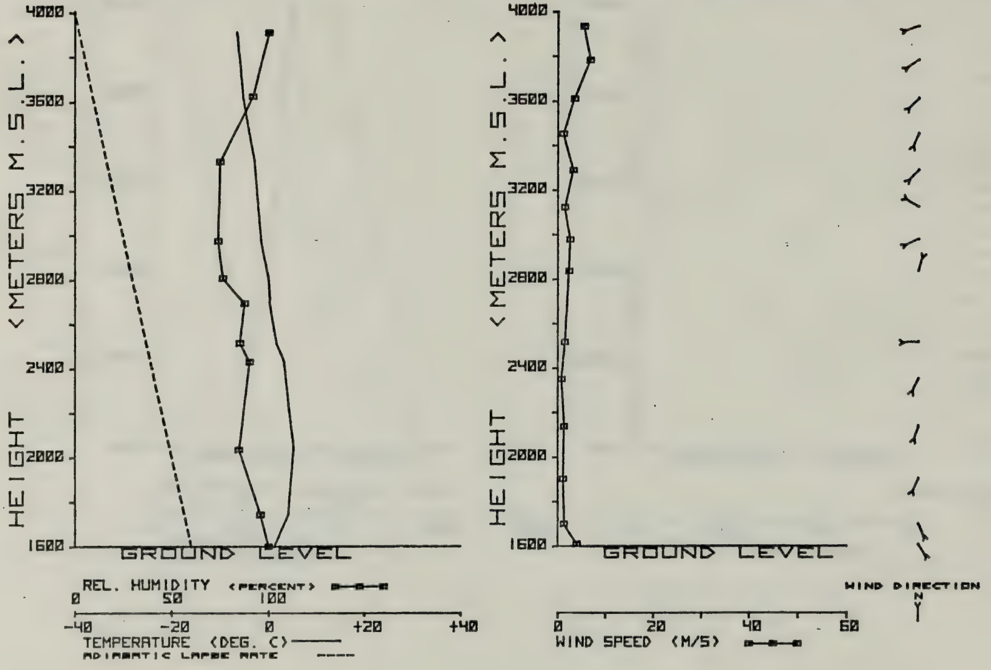
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 20 JUN 75 1218 MST AEROVIRONMENT INC.



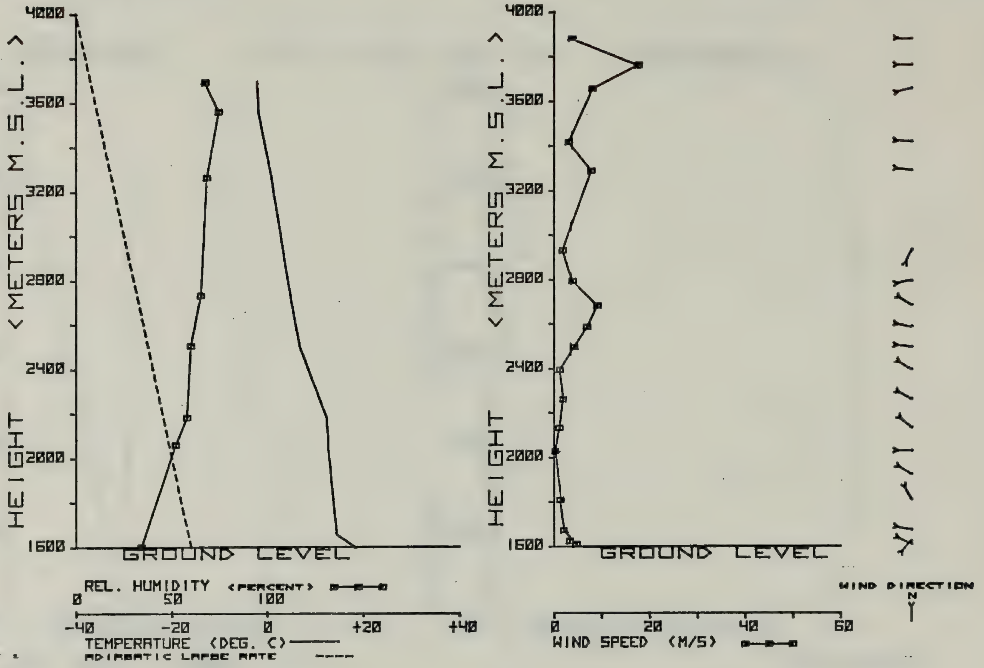
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 21 JUN 75 0506 MST AEROVIRONMENT INC.



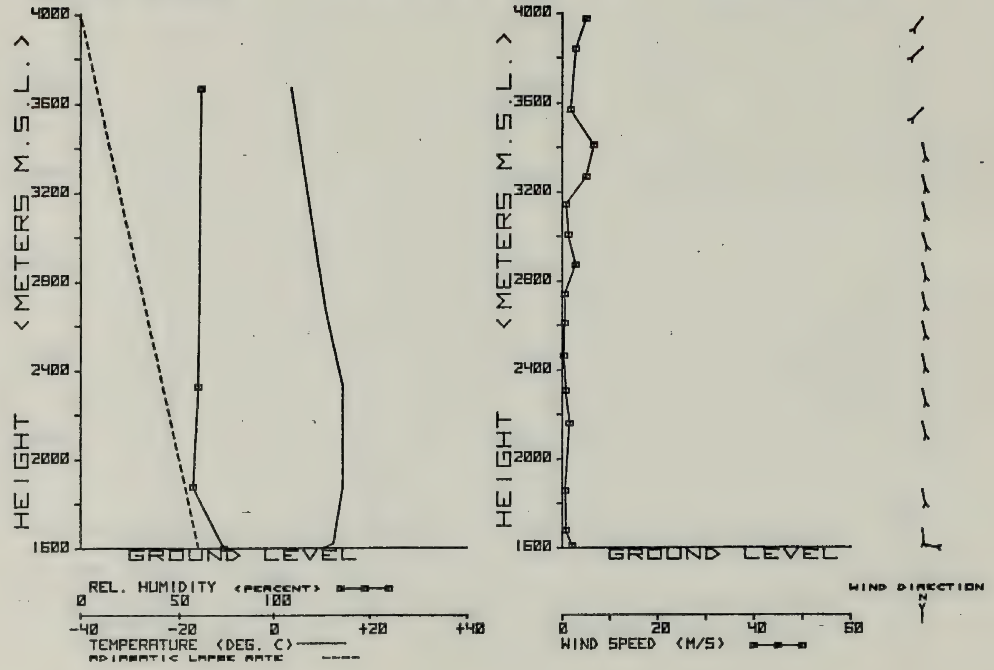
PRELIMINARY DATA
Subject to further revision.

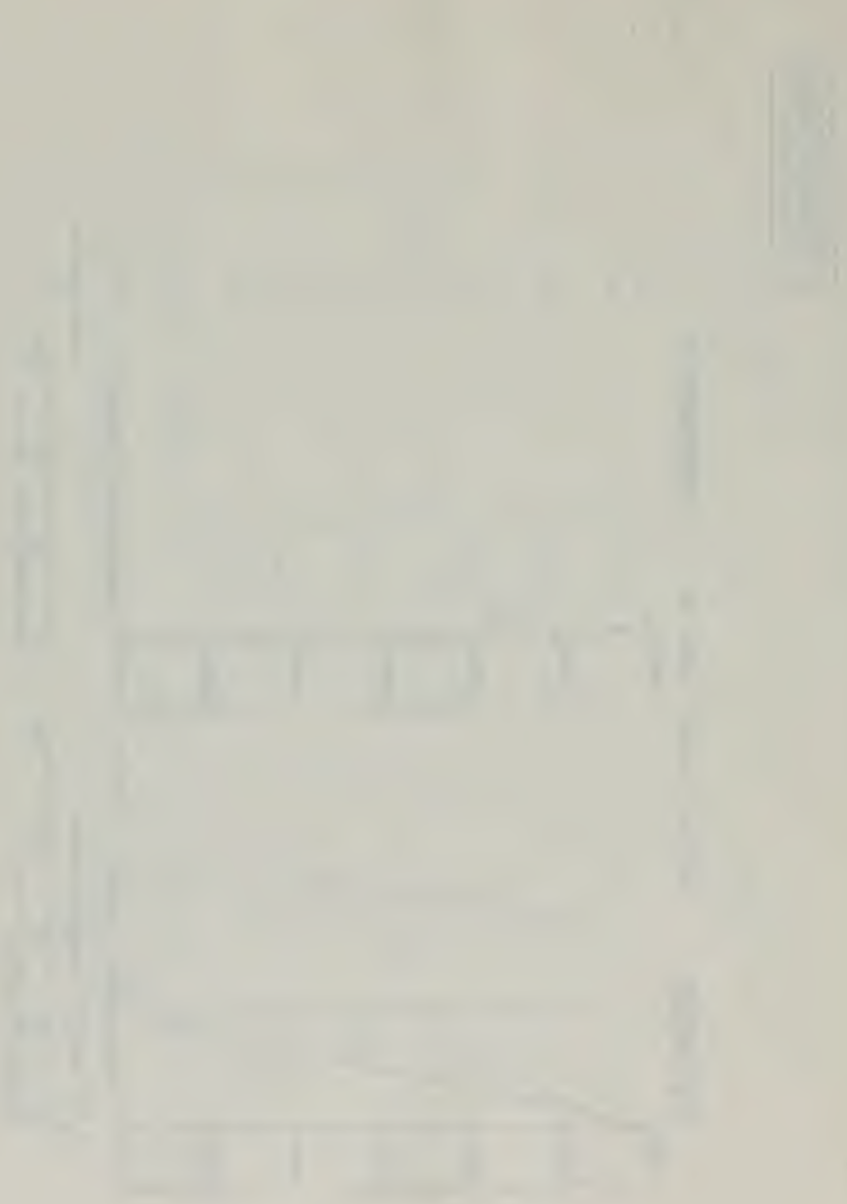
UA-UB RAWINSONDE   SITE A-6   21 JUN 75   1144 MST   AEROVIRONMENT INC.



PRELIMINARY DATA
Subject to further revision.

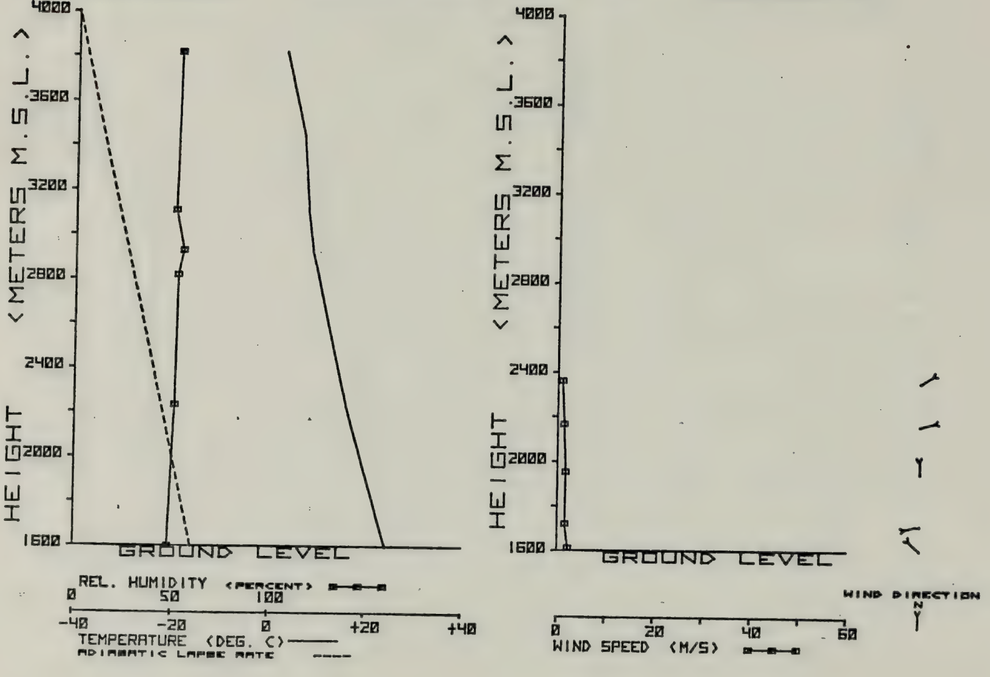
UA-UB RAWINSONDE SITE A-6 23 JUN 75 0540 MST AEROVIRONMENT INC.





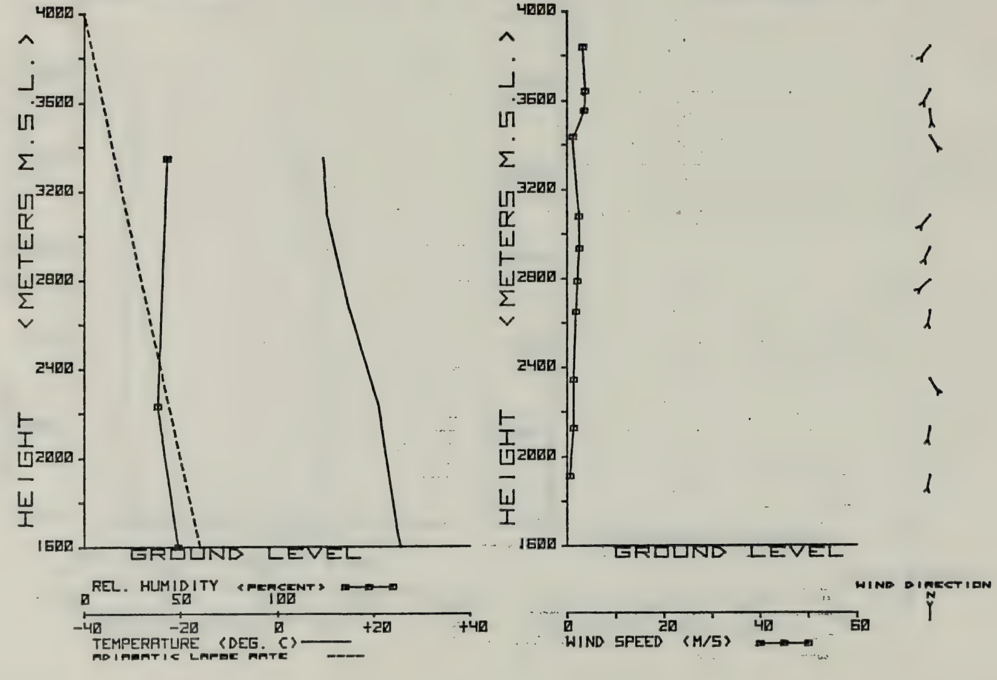
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 23 JUN 75 1155 MST AEROVIRONMENT INC.



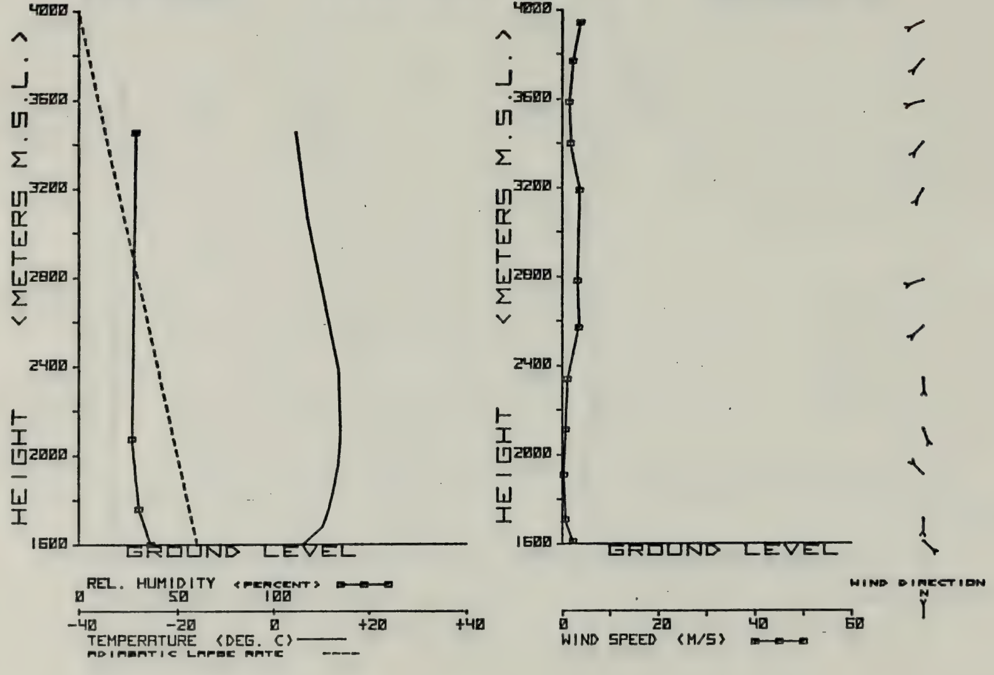
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 23 JUN 75 1650 MST AEROVIRONMENT INC.



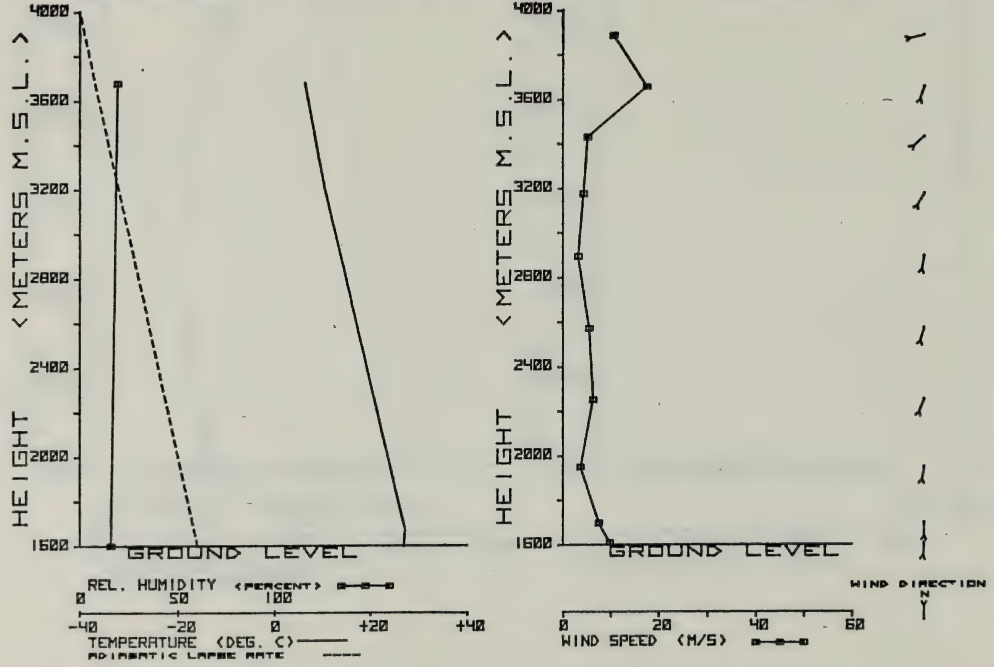
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 29 JUN 75 0456 MST AEROVIRONMENT INC.



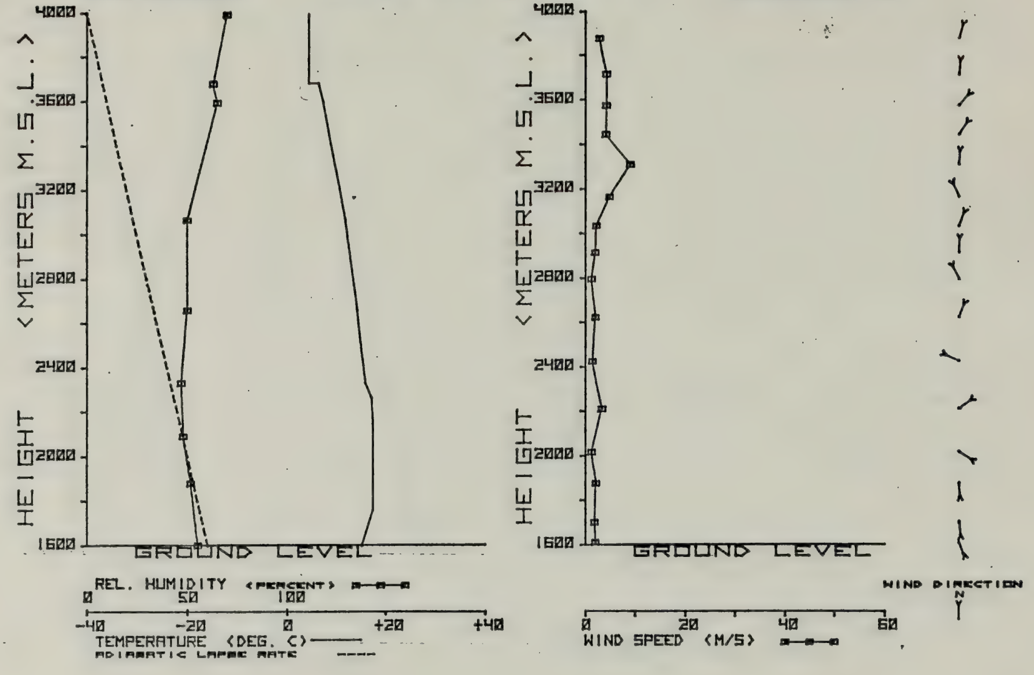
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 29 JUN 75 1407 MST AEROVIRONMENT INC.



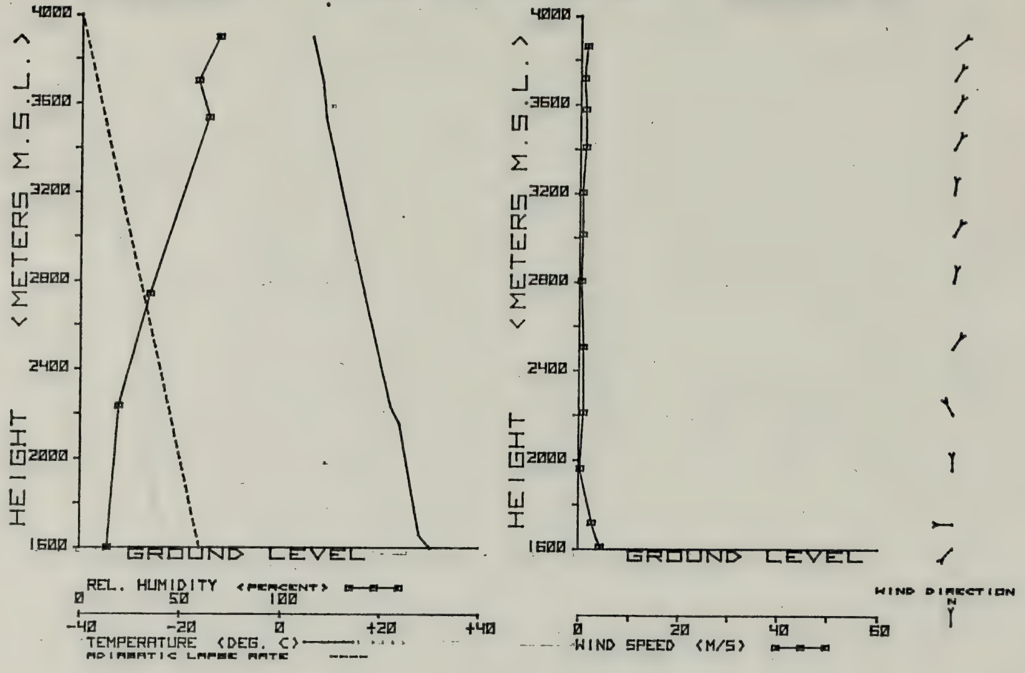
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 5 JUL 75 0507 MST AEROVIRONMENT INC.



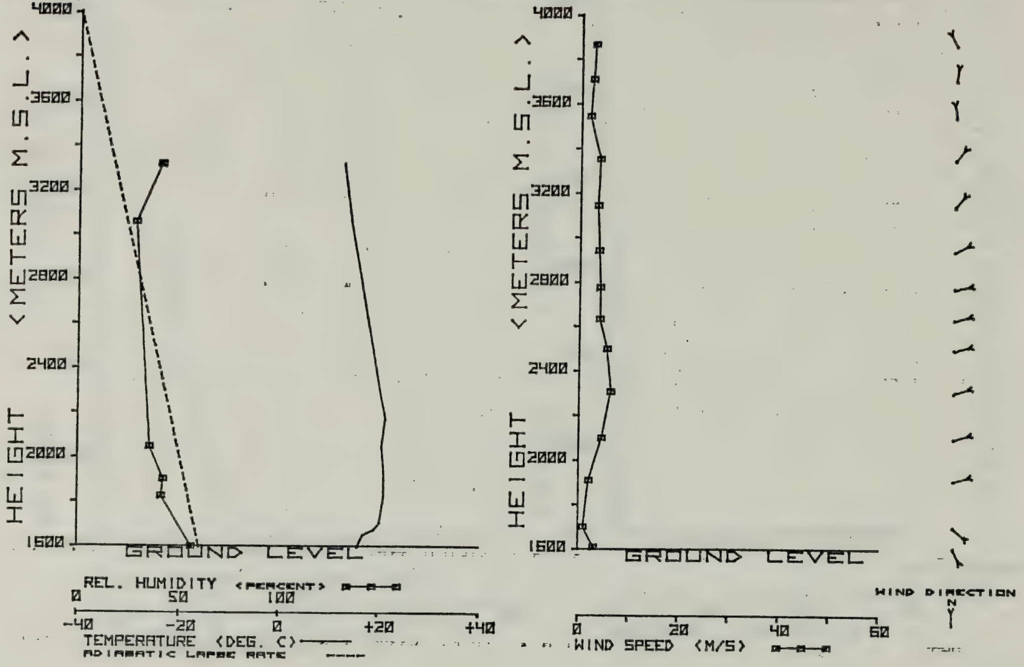
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 5 JUL 75 1408 MST AEROVIRONMENT INC.



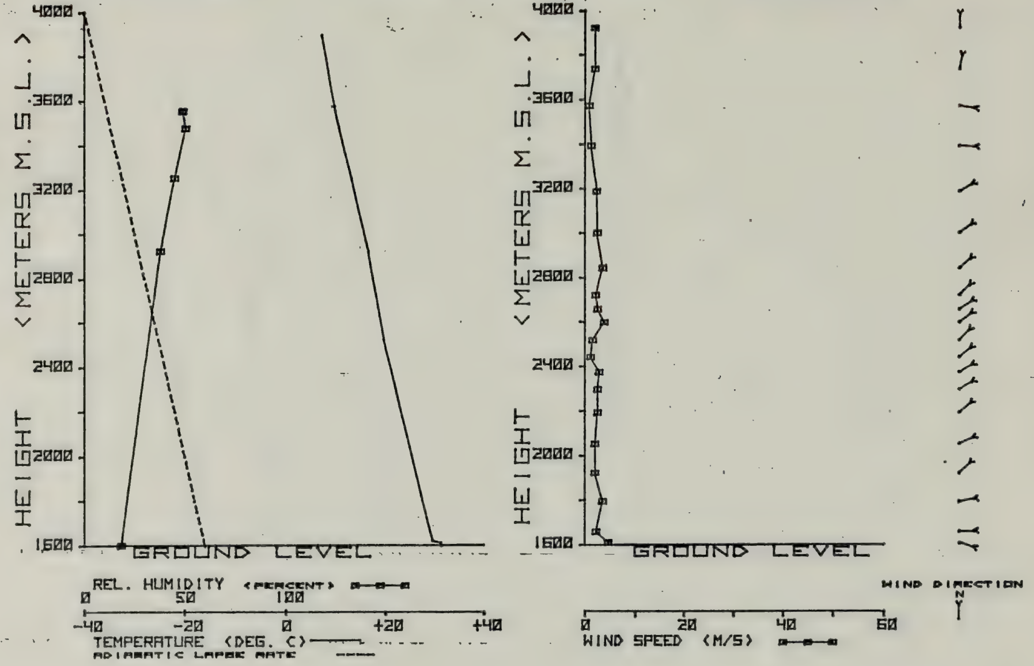
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 11 JUL 75 0500 MST AEROVIRONMENT INC.



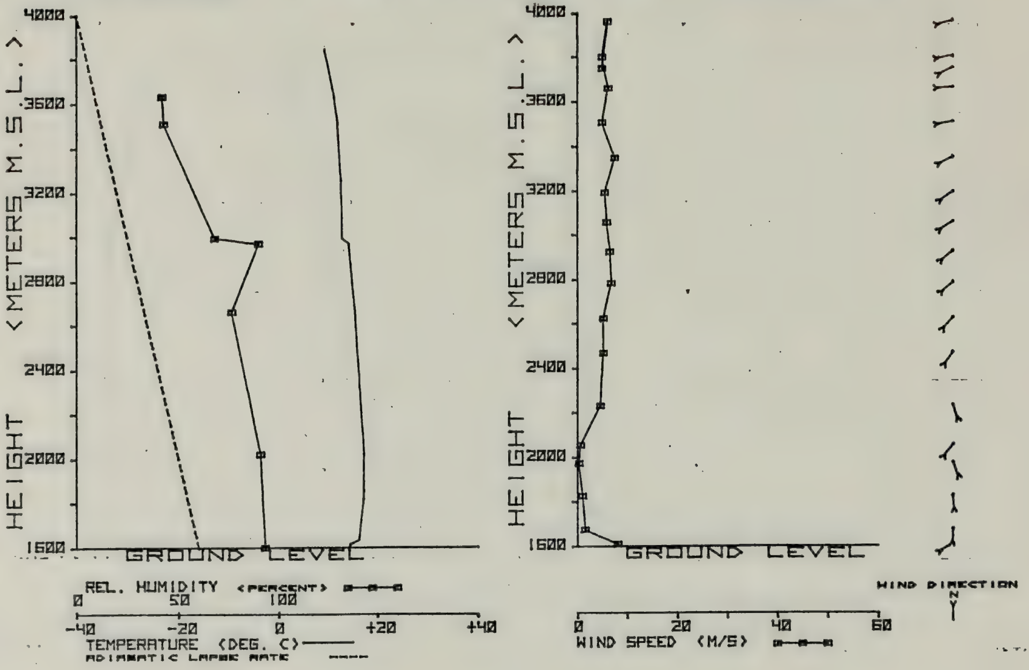
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 11 JUL 75 1405 MST AEROVIRONMENT INC.



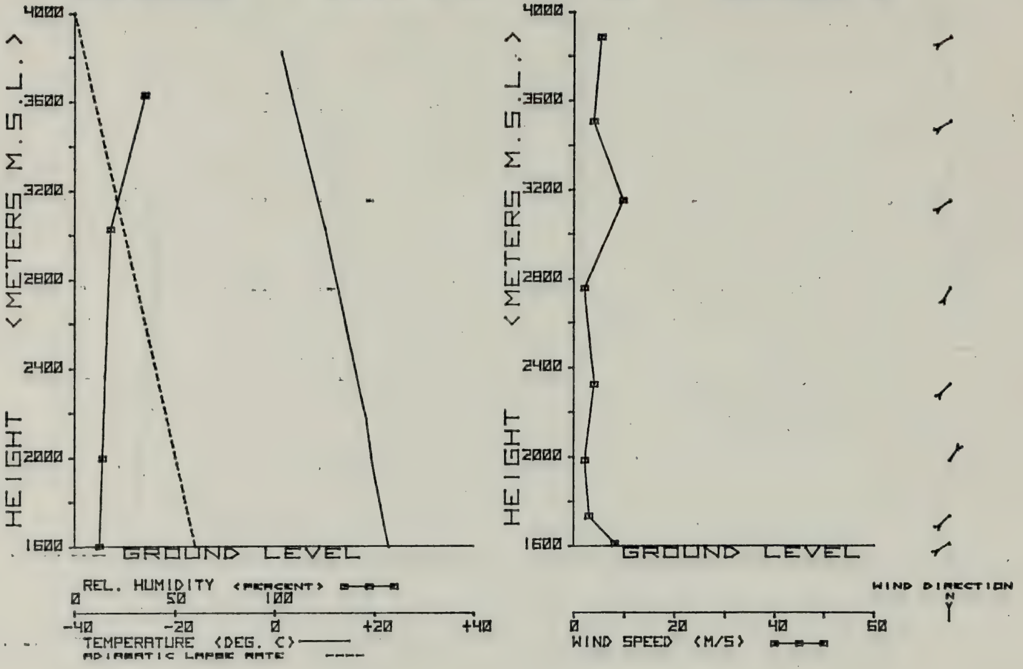
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 17 JUL 75 0511 MST AEROVIRONMENT INC.



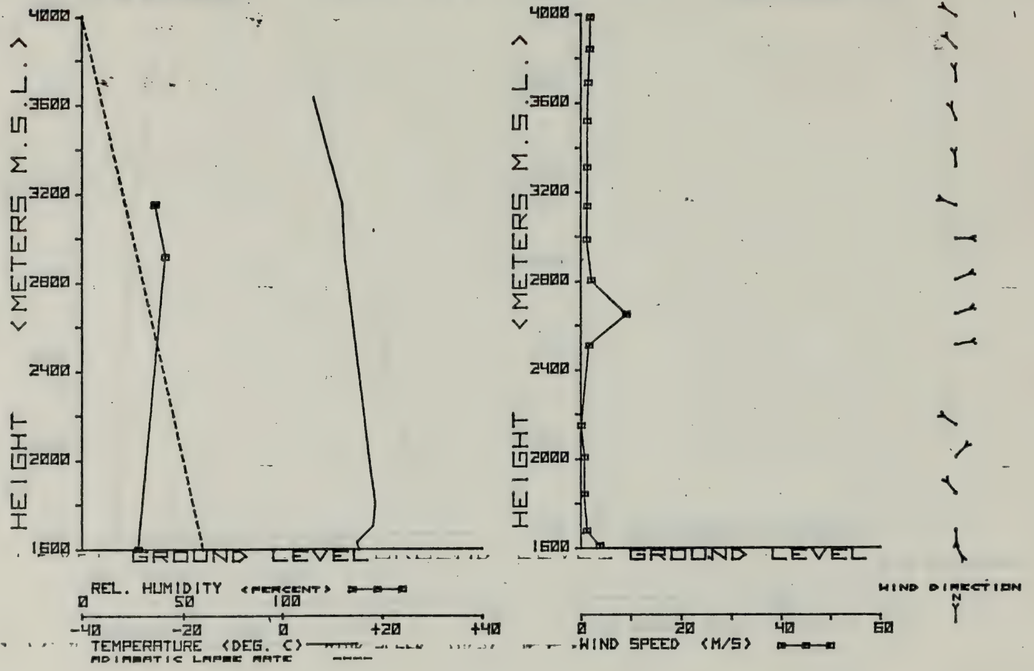
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE   SITE A-6 17 JUL 75 1440 MST   AEROVIRONMENT INC.



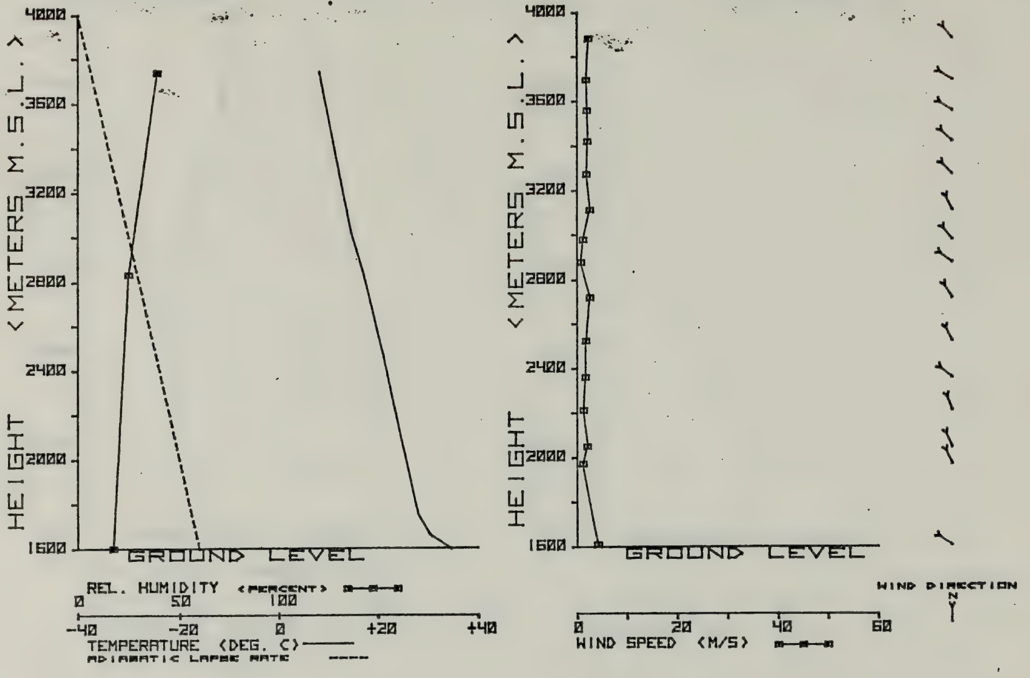
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 23 JUL 75 0506 MST AEROVIRONMENT INC.



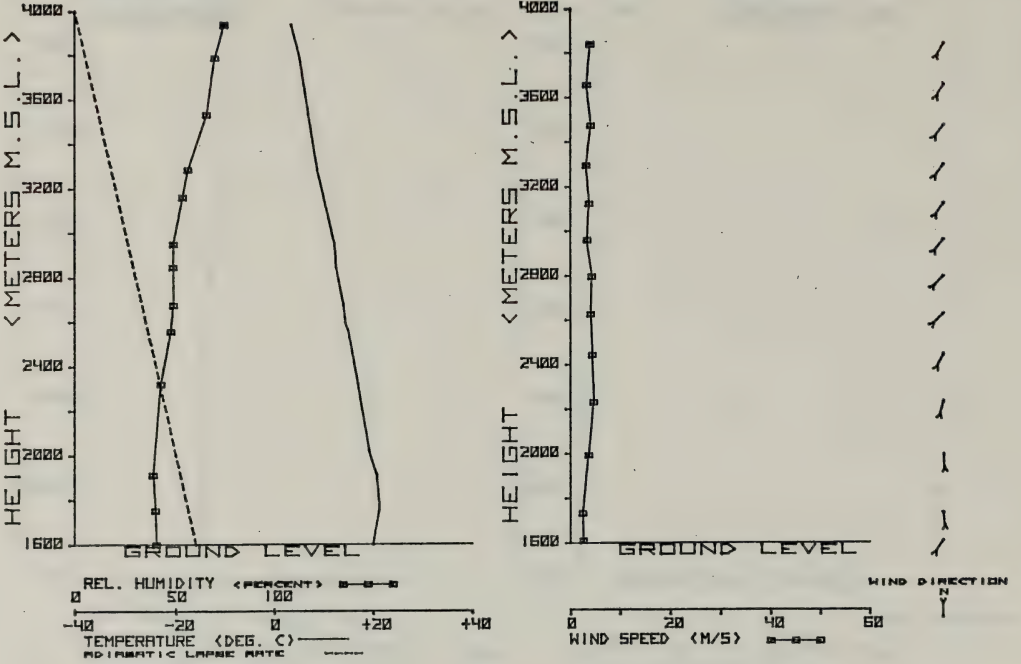
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 23 JUL 75 1417 MST AEROVIRONMENT INC.



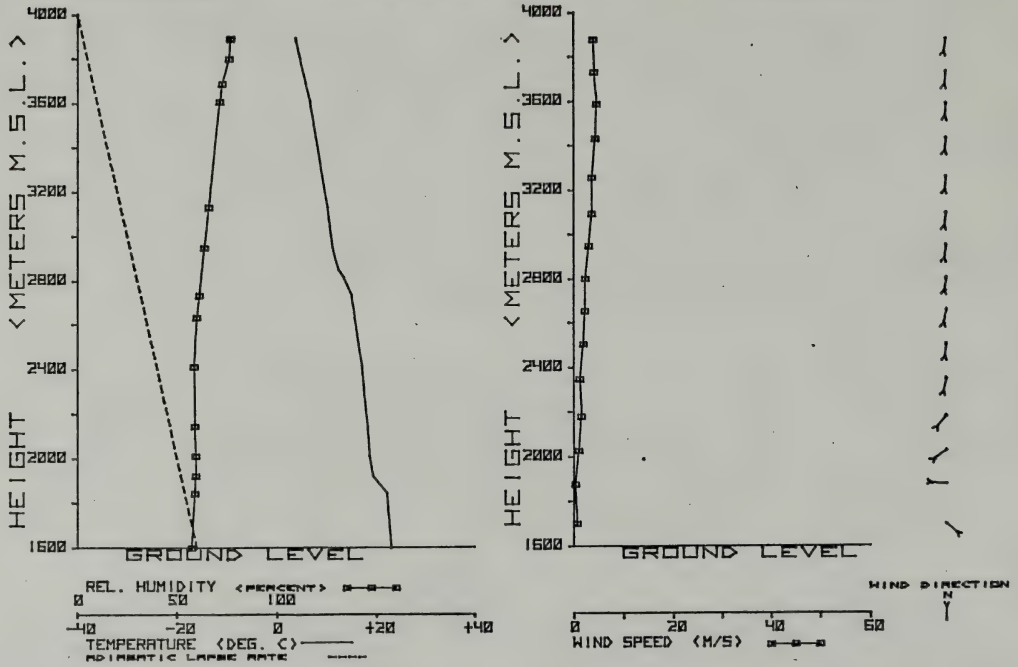
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 29 JUL 75 0511 MST AEROVIRONMENT INC.



PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 29 JUL 75 1423 MST AEROVIRONMENT INC.



B. AIR QUALITY

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

MAY,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	[RF]	0	[RF]	5	0	0	0	5	0	5	5	0	0	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	5	5	5	5	5	5	5	[RF]	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	[RF]	[RF]	[RF]	0	0	[MT]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	[RF]	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
17	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A I

JUNE,1975

AEROVIRONMENT INC.

****
PRELIMINARY DATA
AS OF 15 OCT 75
****
Subject To
Revision
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
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13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	5	5	5	5	5	10	5	10
15	10	10	10	10	10	10	10	15	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	15
16	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
17	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	5	5	5	5	5	5
18	5	5	5	5	0	0	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	5
19	5	10	10	10	10	10	10	10	5	[RF]	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	10
20	10	10	10	15	20	20	15	10	5	5	5	[MT]	[MT]	5	0	0	0	0	0	0	0	0	5	5	5	20
21	5	5	5	10	10	10	10	5	5	10	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	10
22	0	5	5	5	5	5	10	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	10
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24	0	0	0	0	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
25	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
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30	5	0	0	5	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	5	0	5	5	0	5	5	0	5
4	0	5	5	5	0	5	5	5	5	0	0	5	0	5	5	0	0	5	5	0	5	5	5	5	5	5
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6	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
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8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	5
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14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	5	5	10
18	5	5	5	5	5	5	5	5	(FO)	5	5	5	5	5	5	5	5	5	5	5	0	5	5	0	5	5
19	5	5	5	5	5	5	5	0	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	0	0	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	0	5	5	0	5	5	0	0	0	5	0	5	5	5	5	5	5
22	5	5	5	5	5	5	5	0	5	0	0	0	5	5	5	5	5	5	5	5	0	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	5	0	0	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
27	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	5
28	0	5	0	0	5	5	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	5	0	0	0	5
29	0	0	0	0	0	5	5	5	0	5	5	5	5	0	0	0	0	5	0	0	5	5	0	0	0	5
30	5	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
31	5	0	0	0	0	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	5
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	( )

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	5	5	5	5	0	0	0	0	0	0	0	0	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5	10	5	10
4	10	10	10	5	5	10	[RF]	10	[RF]	10	10	10	10	15	10	10	10	10	5	5	10	10	5	5	10	15
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	10	10	10	10	5	10	10	10	10	5	10	5	10	10	10	10	10	10
7	10	10	10	10	10	10	10	[RF]	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	10	10
8	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	5	10
12	10	10	5	10	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5	5	5	5	5	5	5	10
13	5	5	5	[RF]	[RF]	[RF]	[RF]	5	5	[MT]	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
14	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
15	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
16	5	5	5	5	5	5	[RF]	5	5	5	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
17	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	0	0	0	0	0	5	5	5	5	5	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
17	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
19	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
20	5	5	5	10	10	10	10	5	0	0	0	[MT]	[MT]	0	0	0	0	0	0	0	0	0	0	0	5	10
21	0	5	5	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
22	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	5
30	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 1

JULY, 1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	(FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (	)

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	[RF]	5	[RF]	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	0	5
7	5	5	5	5	5	5	5	[RF]	5	5	0	5	5	5	5	0	0	0	0	0	0	0	0	0	5	5
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
13	0	0	0	[RF]	[RF]	[RF]	[RF]	0	0	[MT]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	[ ]	[ ]	[ ]	[ ]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	[RF]	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
17	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
24	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
25	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	5	0	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	5	5	0	5	5	5
16	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
17	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	5	0	0	0	5
18	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5
19	5	5	5	5	10	5	10	5	5	0	0	5	5	0	0	5	5	5	5	5	5	5	5	5	5	10
20	10	10	10	10	10	10	10	10	5	5	5	[MT]	[MT]	5	5	5	0	0	0	0	0	0	5	5	5	10
21	5	10	10	10	10	10	10	5	5	15	0	0	0	0	0	0	5	5	0	0	0	5	5	5	5	15
22	5	5	5	5	5	10	10	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	0	5	5	10
23	5	0	0	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
24	0	5	5	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
25	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
26	5	5	5	10	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
27	0	0	5	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
28	5	0	5	5	5	5	5	5	5	0	0	0	5	5	5	5	5	5	5	5	5	5	5	0	5	5
29	0	0	0	0	0	0	0	5	5	0	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	10
30	5	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
2	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
3	0	0	0	5	0	0	0	5	0	0	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	0	0	0	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	0	5	5	0	5	0	0	5	5	5	5	0	0	5	5	5	5	5
13	5	5	5	0	5	5	0	5	5	0	5	0	0	0	5	0	0	0	0	0	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	0	5	0	5	5	5	5	0	0	0	0	5	5	5	5
15	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	(FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

RADIATION
(MICRO R/HR.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

MAY,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
12	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
13	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
14	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
15	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
16	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
17	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
18	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
19	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
20	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
21	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
22	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
23	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
24	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
25	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
26	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
27	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
28	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
29	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	13.0	13.5	13.5	13.5	13.5	13.5	13.0	13.0	13.0	14.0	14.0	13.5	13.5	13.5	13.5	13.5	14.0
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	13.0	13.5	13.5	13.5	13.5	13.5	13.0	13.0	13.0	14.0	14.0	13.5	13.5	13.5	13.5	13.5	[ ]

RADIATION
(MICRO R/HR.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
12	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
13	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
14	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
15	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
16	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
17	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
18	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
19	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
20	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
21	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
22	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
23	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
24	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
25	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
26	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
27	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
28	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
29	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	13.0	13.5	13.5	13.5	13.5	13.5	13.0	13.0	13.0	14.0	14.0	13.5	13.5	13.5	13.5	13.5	14.0
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	13.0	13.5	13.5	13.5	13.5	13.5	13.0	13.0	13.0	14.0	14.0	13.5	13.5	13.5	13.5	13.5	[ ]

RADIATION
(MICRO R/HR.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	14.0	14.0	14.0	14.0	14.0	14.5	14.5	14.0	13.5	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.5	12.5	13.0	13.0	13.0	13.0	13.5	14.0	13.5	14.5
2	14.0	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.0	13.5	13.5	13.5	13.5	13.0	13.0	13.0	14.0	13.5	13.5	13.5	13.0	13.5	13.5	14.0	14.0	14.5
3	14.0	14.0	14.5	14.0	14.5	14.5	14.5	14.5	14.5	14.0	14.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	15.0	15.5	15.0	14.0	14.0	15.5
4	13.0	14.0	14.5	14.5	14.5	14.5	14.5	14.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.0	13.5	13.5	13.5	14.0	14.5	14.0	14.5
5	14.5	14.5	14.5	14.5	13.5	13.5	13.5	13.5	13.5	13.0	13.0	13.0	13.0	13.0	13.5	13.5	13.0	13.0	13.0	13.0	13.0	13.0	13.0	12.5	13.5	14.5
6	13.0	13.0	[IM]	13.5	13.5	13.5	13.5	13.0	12.5	12.5	12.5	13.0	13.5	13.5	13.5	13.0	12.5	14.5	14.5	14.5	14.5	14.5	14.0	13.5	13.5	14.5
7	13.5	13.5	13.5	13.5	13.0	13.5	13.5	13.5	13.5	16.0	15.5	14.5	14.5	14.5	15.0	14.5	14.5	14.0	14.0	14.0	14.0	[RF]	[RF]	[RF]	14.0	16.0
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	14.0	14.0	13.5	13.5	13.5	14.0	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.0	14.5
10	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.0	13.5	13.5	14.0	14.0	14.0	13.5	14.0	14.0	14.0	14.0	13.0	13.5	13.5	14.0	14.5	14.0	14.5
11	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	13.5	13.5	13.5	13.5	14.0	13.5	13.5	13.0	13.0	13.0	13.5	13.0	14.0	14.0	14.0	14.0	14.5
12	14.5	14.5	14.5	14.5	14.5	14.5	14.5	13.0	13.0	13.0	13.5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	14.0	14.5
13	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
14	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
15	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
16	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
17	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
18	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
19	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
20	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
21	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
22	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
23	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
24	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
25	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
26	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
27	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
28	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
29	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	14.0	14.0	14.5	14.0	14.0	14.0	14.0	14.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	14.0	14.0	14.0	14.0	[ ]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 2
JULY,1975
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	850.	940.	840.	750.	780.	840.	770.	810.	890.	780.	840.	880.	770.	760.	800.	850.	810.	760.	760.	790.	960.	760.	780.	770.	810.	960.
2	880.	810.	760.	760.	760.	1000	900.	950.	1000	830.	820.	810.	780.	870.	800.	770.	770.	770.	780.	900.	840.	840.	800.	780.	830.	1000
3	790.	820.	770.	840.	760.	760.	750.	890.	830.	790.	790.	810.	790.	1050	890.	780.	880.	820.	710.	930.	770.	830.	780.	1000	830.	1050
4	760.	940.	980.	820.	870.	820.	920.	930.	1000	730.	820.	1040	750.	830.	1070	770.	790.	740.	800.	1020	790.	790.	750.	770.	850.	1070
5	1050	1110	1130	1160	1080	1090	1100	1090	1080	1110	1100	1080	1100	1100	1100	1080	1070	1080	1080	1080	1070	1060	1090	1110	1090	1160
6	920.	900.	800.	860.	980.	800.	880.	780.	770.	900.	710.	880.	1180	[CA]	920.	850.	820.	820.	800.	820.	810.	800.	810.	850.	850.	1180
7	840.	870.	900.	840.	1060	830.	830.	820.	810.	940.	800.	820.	840.	800.	810.	800.	790.	790.	790.	790.	820.	1070	820.	860.	850.	1070
8	780.	850.	750.	770.	760.	780.	960.	820.	960.	780.	800.	840.	870.	790.	980.	900.	870.	770.	910.	880.	770.	870.	850.	770.	840.	980.
9	830.	870.	760.	780.	750.	810.	780.	750.	750.	780.	760.	760.	750.	900.	980.	920.	880.	820.	800.	760.	820.	750.	780.	930.	810.	980.
10	840.	860.	850.	830.	790.	790.	780.	780.	820.	810.	940.	770.	810.	770.	800.	800.	820.	940.	780.	800.	800.	810.	790.	820.	820.	940.
11	1070	850.	1070	1000	1060	1080	1080	890.	810.	840.	860.	900.	890.	950.	900.	880.	920.	860.	870.	950.	830.	780.	770.	850.	920.	1080
12	800.	800.	850.	790.	790.	800.	1130	800.	870.	810.	810.	830.	850.	800.	800.	890.	800.	800.	800.	780.	770.	750.	760.	760.	820.	1130
13	830.	760.	760.	830.	770.	760.	800.	770.	810.	770.	760.	790.	760.	810.	780.	930.	760.	770.	760.	820.	820.	780.	840.	1000	800.	1000
14	760.	760.	760.	780.	850.	760.	850.	860.	890.	880.	810.	760.	770.	880.	800.	770.	790.	780.	780.	820.	850.	820.	890.	770.	810.	890.
15	760.	810.	820.	780.	770.	770.	960.	790.	850.	940.	[CA]	780.	1110	920.	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	850.	1110
16	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	1450	1070	1090	1070	1070	1070	1110	1130	1450
18	840.	780.	830.	780.	800.	790.	930.	800.	950.	820.	930.	800.	800.	790.	810.	810.	820.	840.	980.	840.	810.	800.	800.	800.	830.	980.
19	810.	850.	780.	800.	800.	780.	960.	800.	800.	810.	790.	790.	900.	810.	800.	800.	810.	930.	830.	900.	820.	920.	860.	780.	830.	960.
20	810.	840.	910.	830.	830.	800.	850.	820.	830.	860.	810.	810.	800.	810.	820.	830.	840.	850.	860.	870.	880.	890.	900.	910.	840.	910.
21	920.	920.	920.	940.	950.	960.	970.	980.	990.	1000	1010	[CA]	800.	800.	770.	780.	900.	870.	770.	820.	[FO]	[FO]	[FO]	[FO]	900.	1010
22	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
23	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
24	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[CA]	[CA]	[CA]	1060	850.	790.	860.	790.	790.	860.	860.	860.	800.	850.	1060
25	800.	800.	930.	860.	[CA]	830.	990.	970.	780.	980.	810.	840.	1060	950.	780.	990.	890.	790.	810.	820.	880.	890.	810.	870.	880.	1060
26	890.	770.	850.	840.	830.	820.	940.	790.	790.	790.	780.	870.	800.	780.	780.	850.	800.	810.	870.	850.	780.	880.	800.	870.	830.	940.
27	800.	800.	870.	870.	870.	800.	800.	800.	940.	870.	[CA]	910.	840.	870.	890.	870.	870.	910.	850.	890.	840.	840.	840.	900.	860.	940.
28	840.	840.	870.	910.	850.	860.	840.	910.	890.	870.	880.	930.	820.	890.	840.	800.	810.	780.	780.	840.	820.	790.	820.	890.	850.	930.
29	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
30	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[CA]	[CA]	900.	970.	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	940.	970.
31	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
AV	850.	850.	860.	840.	850.	840.	900.	850.	870.	860.	840.	850.	860.	870.	870.	850.	840.	860.	830.	870.	850.	850.	840.	870.	870.	[ ]

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	980.	980.	980.	980.	1050	1050	1050	1050	980.	980.	1010	1010	980.	1000	990.	990.	1000	1030	1010	1020	1040	1020	1010	980.	1010	1050
2	990.	1050	1050	1050	1050	1050	1180	1190	1100	1070	1030	1020	1010	1010	1010	1010	1000	1000	1000	1020	1010	1010	1010	1010	1040	1190
3	1020	970.	990.	990.	1060	1060	1060	1060	990.	1010	1000	1000	990.	990.	980.	990.	980.	1000	1000	990.	990.	990.	990.	990.	1000	1060
4	1000	1000	990.	990.	990.	990.	990.	1000	1000	1000	980.	980.	990.	1000	980.	980.	980.	970.	980.	980.	990.	1010	1000	1070	990.	1070
5	1070	1060	1060	1000	1000	930.	1000	930.	1000	1000	1000	1000	1060	990.	990.	930.	990.	990.	990.	990.	990.	990.	990.	990.	1000	1070
6	1050	1160	1110	990.	1040	1060	1000	1070	1130	1110	1050	1140	970.	1040	1080	990.	1050	1050	1050	990.	1070	1060	1160	900.	1060	1160
7	960.	990.	990.	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1020	1000	1010	1030	1010	1030	1010	990.	1020	860.	990.	1020	1050
8	1130	1050	1050	1050	1050	1050	1050	1050	1050	990.	1010	1000	1000	970.	990.	960.	1000	980.	980.	1020	1000	1000	1010	1000	1020	1130
9	950.	920.	980.	980.	980.	950.	1050	940.	920.	1000	1000	1020	980.	990.	990.	990.	990.	990.	1010	960.	1000	1010	1010	1020	980.	1050
10	1020	1040	980.	980.	980.	980.	930.	930.	1030	1050	1040	1030	1010	990.	1010	1010	1010	1000	1010	1000	1020	1020	1030	1030	1010	1050
11	1030	1050	1040	1030	1000	920.	980.	1000	1050	1030	1030	1020	1010	990.	980.	1000	1000	990.	990.	990.	1000	990.	990.	1020	1010	1050
12	1020	1020	1020	1030	970.	1050	980.	1040	990.	1030	1030	1000	1020	1020	1010	1020	1020	1020	1010	1030	1050	1030	1030	1050	1020	1050
13	1050	1050	1010	1040	1020	1040	1050	1050	980.	1020	1010	990.	990.	990.	1000	1020	1000	1010	990.	1010	1020	1010	1010	1020	1020	1050
14	1010	1030	980.	1020	960.	910.	1080	1000	1030	1030	1010	1000	1000	1020	990.	990.	1000	970.	980.	990.	1010	990.	990.	1020	1000	1090
15	990.	970.	1000	990.	950.	910.	920.	990.	970.	970.	990.	970.	950.	970.	970.	940.	960.	940.	940.	970.	970.	970.	970.	990.	970.	1000
16	990.	990.	990.	980.	990.	990.	970.	980.	960.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	990.
17	980.	980.	980.	980.	1050	1050	980.	980.	980.	[MT]	[MT]	920.	960.	980.	960.	960.	970.	970.	970.	970.	950.	1010	970.	980.	980.	1050
18	980.	1050	980.	1050	1050	980.	1050	920.	920.	960.	960.	950.	990.	940.	960.	990.	960.	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	980.	1050
19	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
20	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
21	[FO]	[FO]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[FO]	[FO]	850.	920.	920.	920.	920.	920.	930.	940.	950.	920.	980.	980.	980.	930.	980.
22	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	980.	980.
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	920.	940.	970.	970.	970.	960.	950.	940.	950.	920.	920.	950.	970.
24	960.	1010	1060	890.	1030	1080	980.	980.	900.	960.	950.	960.	960.	960.	950.	960.	950.	950.	960.	970.	950.	960.	960.	960.	970.	1090
25	960.	950.	950.	890.	980.	980.	980.	980.	980.	980.	980.	990.	1000	990.	980.	980.	990.	970.	980.	1000	1000	1000	980.	980.	980.	1000
26	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	990.	990.	1000	1010	1010	980.	980.	990.	1000	1010	1010	980.	1000	1010	990.	1010
27	1040	990.	980.	980.	980.	980.	980.	980.	960.	970.	990.	980.	980.	990.	970.	980.	960.	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	980.	1040
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	980.	920.	980.	980.	980.	980.	980.	1050	1010	980.	980.	980.	980.	980.	980.	1050
29	980.	980.	980.	980.	980.	980.	1050	1020	970.	970.	950.	940.	970.	1040	960.	1000	990.	990.	990.	1000	990.	980.	1050	980.	990.	1050
30	1080	1080	1130	1140	1100	1030	950.	980.	960.	1040	1040	1030	1020	1010	1010	1000	1000	990.	1000	980.	970.	980.	960.	980.	1020	1140
31	980.	1050	980.	1050	980.	980.	980.	980.	980.	980.	980.	980.	[CA]	1030	1030	1030	1040	1040	1040	1040	1050	1050	1030	1040	1010	1050
AV	1010	1010	1010	1000	1010	1000	1010	1000	990.	1010	1000	990.	990.	990.	990.	990.	980.	990.	990.	990.	990.	1000	1000	990.	990.	[ ]

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        METHANE
        (MICROGRAMS/CU. METER)
                                                         WHITE RIVER SHALE PROJECT,UTAH        *********************
                                                                                               *                   *
                                                         SITE A  2                             * PRELIMINARY DATA  *
                                                                                               * AS OF 15 OCT 75   *
                                                         JUNE,1975                             *                   *
                                                                                               *********************
                                                         AEROVIRONMENT INC.                    *                   *
                                                                                               *    Subject To     *
                                                                                               *     Revision      *
                                                                                               *                   *
                                                                                               *********************

                                       CLOCK HOUR  [LOCAL STANDARD TIME]
   D                                                                                                                P
   A                                                                                                                E
   T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE  A
   E                                                                                                                K

   1 1040 1060 1050 1050 1110 1110 1110 1110 1110 1050 1060 1060 1060 1060 1060 1050 1050 1050 1050 1050 1060 1040 1050 10301060 1110
   2 1040 1070 1110 1050 1050 1050 1110 1110 1040 1040 1030 1040 1030 1010 1020 1010 1010 1020 1020 1040 1040 1050 1060 10501050 1110
   3 1040 1060 1040 1050 1110 1110 1050 1050 1050 1050 1020 1020 [CA] 1050 1020 1000 1010 1030 1030 1030 1040 1040 1050 10501040 1110
   4 1050 1050 1050 1050 1050 1050 1050 1050 1070 1060 1030 1070 1040 1040 1030 1010 1020 1030 1020 1040 1040 1010 1030 10401040 1070
   5 1060 1060 1050 1110 1110 1110 1110 1050 1070 1040 1050 1040 1040 1040 1030 1030 1010 1030 1030 1040 1050 1060 1030 10401050 1110
   6 1050 1050 1040 1020 1040 1020 1010 1050 1030 1020 1020 1010 1000 1020 1000 990. 990. 990. 1000 1010 1020 1000 1010 10001020 1050
   7 1010 1010 1020 1070 1040 1050 1050 1010 1050 1040 1030 1040 1020 1030 1010 990. [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO]1030 1070
   8 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO][   ] [   ]
   9 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] 1030 1030 1000 1010 1010 1010 1010 1030 1020 1020 1020 1040 10401020 1040
  10 1040 1040 1040 1040 1040 1040 1040 1040 1040 1040 1020 1030 1020 1010 1020 1010 1030 1030 1010 1010 1010 1010 1030 10301030 1040
  11 1040 1040 1040 1040 1040 1040 1040 1040 1080 1040 1040 1030 1030 1020 1020 1020 1010 990. 1020 1000 1030 1020 1010 10301030 1080
  12 1000 1000 990. 1020 1070 1030 1030 1100 1000 990. 1000 1000 1000 1050 1010 990. 990. 990. 990. 1000 1020 990. 1060 990.1010 1100
  13 970. 1000 1010 1030 1030 960. 1030 1000 1000 1020 980. 980. 990. 990. 990. 980. 980. 990. 990. 980. 1030 960. 1030 10301000 1030
  14 1030 1010 1090 1040 1030 1030 1100 1110 1010 960. 960. 960. 960. 900. 960. 1090 1070 1050 1010 1060 980. 1090 1060 10701030 1110
  15 1030 970. 1050 1020 1010 1030 1090 960. 1030 [CA] 1020 970. 960. 990. 1000 960. 940. 950. 960. 960. 1050 930. 990. 980.990. 1090
  16 1030 1030 970. 1030 960. 1040 1060 1020 1100 1030 1030 970. 1030 1030 1030 970. 1040 1040 1100 1040 1040 1040 1100 10401030 1100
  17 970. 1040 1070 1020 1100 1060 1020 1000 1090 1100 1110 1040 1110 1040 1040 1040 1040 1110 [IM] [IM] [IM] [IM] [IM] [IM]1060 1110
  18 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [CA] [CA] 980. 980. 980. 980. [IM] [IM] [IM] [IM] [IM] [IM]980. 980.
  19 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
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  24 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
  25 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
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  27 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
  28 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
  29 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
  30 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [CA] 1050 1030 1010 1000 1000 1000 1000 1010 980. 920. 980. 980.1000 1050
  31 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][   ] [   ]

  AV 1030 1030 1040 1040 1050 1050 1060 1050 1050 1030 1030 1020 1020 1020 1010 1010 1010 1020 1020 1020 1030 1010 1040 10301030 [   ]
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METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
2	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
3	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1040	1040	1140	750.	1010	970.	1000	1030	1010	1020	1020	1050	1030	1140
4	1020	1030	1030	1050	1030	1030	1030	1050	1030	1030	1020	1040	990.	1020	1040	1010	1010	1000	1020	1040	1020	1020	1000	1020	1020	1050
5	1060	1050	1070	1070	1060	1030	1070	1030	1010	1030	1030	1050	1020	1050	1050	1020	1030	1030	1050	1060	1050	1050	1050	1040	1040	1070
6	1020	1040	990.	1010	1020	1020	1020	1010	1010	1020	1000	1000	1000	[CA]	1010	1010	1010	1010	1020	1020	1020	1020	1020	1020	1010	1040
7	1020	1020	1030	1030	1040	1020	1030	1010	1010	1000	1000	1000	1010	1020	1000	1000	990.	990.	1020	990.	1000	1000	1010	1000	1010	1040
8	1000	990.	1000	990.	1010	1000	1010	1000	1000	1000	1000	1000	1000	990.	990.	1000	990.	990.	990.	990.	990.	990.	990.	1010	1000	1010
9	1010	1010	990.	990.	990.	990.	980.	980.	980.	990.	980.	980.	980.	970.	1050	1000	980.	990.	1000	980.	1000	990.	1000	1030	990.	1050
10	1020	1030	1020	1000	1000	1010	1010	1000	1000	990.	1000	980.	990.	980.	980.	980.	980.	990.	980.	990.	1000	1000	990.	1000	1000	1030
11	1010	970.	1010	1010	990.	1000	1050	990.	990.	980.	1000	980.	1040	1030	980.	1000	1010	1010	970.	1020	1000	990.	1010	980.	1000	1050
12	1000	1010	1000	990.	1000	1000	1010	1000	1020	1000	1000	1000	1040	990.	990.	980.	980.	980.	980.	980.	980.	980.	970.	980.	990.	1040
13	1000	980.	980.	980.	980.	980.	990.	970.	970.	970.	970.	980.	970.	970.	970.	990.	970.	970.	970.	980.	990.	980.	980.	1000	980.	1000
14	970.	980.	980.	970.	980.	970.	970.	980.	930.	980.	970.	960.	970.	1000	970.	970.	970.	970.	970.	980.	970.	970.	970.	970.	970.	1000
15	960.	970.	970.	970.	980.	970.	1000	970.	960.	970.	[CA]	980.	970.	970.	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	970.	1000
16	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	1070	1000	1020	1000	990.	1000	990.	1010	1070
18	980.	970.	980.	970.	980.	980.	980.	990.	980.	980.	990.	970.	970.	960.	950.	960.	970.	960.	970.	970.	960.	960.	960.	960.	970.	990.
19	970.	970.	960.	970.	970.	980.	970.	970.	970.	960.	970.	970.	950.	960.	960.	950.	960.	910.	930.	950.	960.	970.	970.	970.	960.	980.
20	960.	970.	980.	980.	970.	970.	960.	970.	980.	950.	980.	1140	960.	960.	950.	940.	930.	920.	910.	910.	900.	890.	880.	870.	950.	1140
21	860.	850.	850.	840.	830.	820.	810.	810.	800.	790.	780.	[CA]	970.	1000	970.	980.	990.	990.	980.	950.	[FO]	[FO]	[FO]	[FO]	890.	1000
22	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
23	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
24	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[CA]	[CA]	[CA]	980.	1000	1010	1000	1010	1000	1020	1010	1050	1110	1020	1110
25	1030	1050	1070	1030	1030	1010	1020	1030	1000	1000	980.	990.	1030	980.	960.	990.	970.	970.	950.	960.	960.	980.	960.	950.	1000	1070
26	960.	960.	970.	950.	960.	970.	960.	970.	960.	960.	960.	960.	960.	960.	960.	970.	960.	950.	950.	950.	960.	960.	980.	980.	960.	980.
27	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	[CA]	960.	960.	970.	970.	960.	950.	970.	960.	950.	970.	970.	960.	990.	970.	990.
28	960.	960.	970.	970.	970.	990.	980.	990.	980.	990.	970.	1000	970.	970.	930.	950.	950.	960.	940.	970.	970.	860.	660.	970.	950.	1000
29	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
30	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[CA]	[CA]	940.	940.	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	940.	940.
31	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
AV	1000	1000	1000	1000	1000	990.	1000	990.	990.	990.	990.	1000	990.	990.	1000	980.	990.	990.	990.	990.	990.	990.	980.	1000	990.	[ ]

HYDROCARBONS (METHANE REDUCED)
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	20.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.0
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	80.0	.00	.00	.00	.00	110.	.00	.00	.00	.00	.00	80.0	10.0	110.
5	.00	.00	.00	.00	.00	90.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	60.0	.00	.00	.00	.00	.00	.00	.00	.00	10.0	90.0
6	20.0	.00	.00	80.0	.00	10.0	.00	.00	.00	.00	.00	.00	70.0	.00	.00	60.0	.00	.00	.00	50.0	.00	.00	80.0	100.	20.0	100.
7	60.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	60.0	.00	10.0	60.0
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	80.0	.00	60.0	.00	.00	.00	.00	.00	.00	10.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.0	80.0
10	.00	.00	.00	.00	.00	.00	20.0	.00	20.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.0
11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	30.0	.00	50.0	.00	10.0	10.0	10.0	20.0	10.0	70.0	10.0	10.0	.00	.00	.00	20.0	40.0	70.0	10.0	.00	20.0	70.0
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	20.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.0	.00	.00	.00	.00	20.0
15	.00	.00	.00	.00	.00	.00	20.0	.00	.00	.00	.00	.00	.00	.00	20.0	.00	.00	10.0	10.0	.00	.00	.00	.00	.00	.00	20.0
16	50.0	30.0	30.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	50.0
17	.00	.00	.00	.00	.00	.00	.00	.00	10.0	(MT)	(MT)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.0
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	(IM)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	.00	.00
19	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
20	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
21	(FO)	(FO)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(FO)	(FO)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	.00	.00
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	.00	.00	60.0	.00	30.0	.00	.00	.00	.00	.00	.00	10.0	60.0
24	40.0	70.0	.00	10.0	.00	.00	.00	.00	70.0	.00	30.0	20.0	.00	30.0	50.0	40.0	30.0	30.0	.00	.00	.00	30.0	.00	10.0	20.0	70.0
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	40.0	.00	.00	.00	.00	.00	.00	30.0	.00	.00	.00	.00	.00	40.0
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	30.0	40.0	.00	.00	30.0	30.0	30.0	90.0	.00	20.0	40.0	10.0	90.0
27	20.0	.00	.00	50.0	60.0	.00	.00	.00	.00	.00	20.0	10.0	.00	.00	.00	.00	.00	(PF)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	10.0	60.0
28	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	.00	100.	.00	10.0	.00	.00	.00	.00	.00	30.0	30.0	.00	.00	.00	10.0	100.
29	.00	.00	.00	.00	.00	.00	.00	10.0	60.0	50.0	60.0	80.0	50.0	.00	40.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.0	80.0
30	10.0	30.0	.00	.00	.00	.00	100.	20.0	100.	30.0	30.0	10.0	40.0	20.0	30.0	.00	10.0	70.0	70.0	100.	(OS)	(OS)	(OS)	(OS)	30.0	100.
31	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(CA)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	( )	( )
AV	10.0	10.0	.00	10.0	.00	10.0	10.0	.00	10.0	.00	10.0	10.0	10.0	10.0	10.0	10.0	.00	10.0	.00	10.0	10.0	.00	10.0	10.0	10.0	( )

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        HYDROCARBONS [METHANE REDUCED]
        (MICROGRAMS/CU. METER)
                                                      WHITE RIVER SHALE PROJECT,UTAH      *********************
                                                                                          *                   *
                                                      SITE A  2                           *  PRELIMINARY DATA *
                                                                                          *  AS OF 15 OCT 75  *
                                                      JUNE,1975                           *                   *
                                                                                          *********************
                                                      AEROVIRONMENT INC.                  *                   *
                                                                                          *     Subject To    *
                                                                                          *      Revision     *
                                                                                          *                   *
                                                                                          *********************

                                    CLOCK HOUR  [LOCAL STANDARD TIME]
 D                                                                                                            P
 A                                                                                                            E
 T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
 E                                                                                                            K

 1 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
 2 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
 3 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [CA] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
 4 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
 5 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
 6 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
 7 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO][   ] [   ]
 8 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO][   ] [   ]
 9 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] 700. 670. 470. 440. 410. 440. 450. 620. 440. 480. 440. 420. 430.490. 700.
10 460. 430. 470. 660. 660. 460. 490. 480. 500. 400. 420. 440. 410. 410. 440. 390. 420. 350. 350. 320. 320. 340. 460. 360.440. 660.
11 460. 430. 450. 470. 530. 510. 500. 450. 200. 280. 230. 220. 310. 310. 310. 420. 600. 620. 500. 580. 570. 510. 390. 430.430. 620.
12 340. 330. 330. 500. 240. 290. 330. 190. 320. 250. 130. [IM] [IM] 130. 400. 270. 250. 250. 250. 220. 180. 210. 160. 220.260. 500.
13 240. 290. 170. 140. 160. 190. 230. 260. 150. 150. 100. 90.0 100. 130. 260. 220. 200. 200. 260. 190. 170. 230. 190. 220.190. 290.
14 170. 190. 150. 130. 230. 170. 40.0 70.0  .00 [IM] [IM] [IM] [IM] [IM] [IM]  .00 60.0 60.0 160. 90.0 80.0 80.0 60.0 40.0100. 230.
15 150. 130. 80.0 80.0 70.0 150. 50.0 160. 150. [CA] 140. 150. 150. 110. 110. 100. 130. 90.0 100. 60.0 60.0 60.0 10.0 40.0100. 160.
16 130.  .00 30.0 240. 100.  .00  .00  .00 30.0 220. 120. 80.0 30.0 130. 160. 30.0  .00 200.  .00 170. 170. 50.0 60.0 20.090.0 240.
17 150. 220. 100. 20.0 150. 160. 200. 160. 200. 200. 70.0 260. 220. 290. 220. 30.0 200. 100. [IM] [IM] [IM] [IM] [IM] [IM]160. 290.
18 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [CA] [CA] 130. 60.0 90.0 750. [IM] [IM] [IM] [IM] [IM] [IM]260. 750.
19 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
20 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
21 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
22 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
23 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
24 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
25 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
26 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
27 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
28 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
29 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
30 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [CA] 130.  .00  .00  .00  .00  .00  .00  .00  .00  .00  .00  .0010.0 130.
31 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][   ] [   ]

AV 260. 250. 220. 280. 270. 240. 230. 220. 190. 250. 170. 280. 250. 220. 250. 180. 220. 280. 250. 230. 230. 210. 190. 200.230. [   ]
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SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

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*                    *
*  PRELIMINARY DATA  *
*  AS OF 02 OCT 75   *
*                    *
**********************
*                    *
*     Subject To     *
*      Revision      *
*                    *
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	5	5	5	5	10	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	10	10	5	5	10
2	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
3	5	5	5	5	5	10	5	5	5	5	5	5	5	10	10	5	5	5	5	5	5	5	5	5	5	10
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	10
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5
17	5	0	5	0	5	5	5	5	5	5	5	0	5	0	0	5	0	0	5	5	5	0	5	5	5	5
18	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	10
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	10	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	10
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	0	0	5	10	5	5	5	5	5	5	5	5	5	5	10
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	0	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	10	5	5	5	5	5	5	5	10
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	( )

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	790.	740.	740.	750.	1040	790.	770.	890.	740.	770.	790.	880.	980.	840.	770.	760.	760.	870.	870.	780.	890.	820.	760.	760.	810.	1040
2	810.	810.	810.	810.	810.	820.	1120	980.	1120	920.	860.	820.	820.	840.	820.	840.	950.	810.	810.	820.	810.	810.	800.	800.	860.	1120
3	790.	860.	840.	820.	790.	880.	820.	790.	780.	790.	790.	790.	780.	780.	790.	780.	780.	960.	820.	780.	800.	770.	770.	760.	800.	960.
4	750.	750.	760.	750.	760.	760.	760.	850.	770.	730.	830.	860.	1080	890.	760.	830.	880.	1080	840.	780.	850.	790.	810.	1140	840.	1140
5	900.	950.	860.	880.	890.	1030	870.	920.	910.	990.	740.	920.	910.	840.	870.	990.	860.	800.	800.	760.	950.	770.	860.	880.	880.	1030
6	1060	1060	1060	1070	1010	1060	1000	1060	1060	1010	1020	1040	1040	1040	1030	1050	1000	1050	1040	1040	1040	1040	1240	1000	1050	1240
7	1010	940.	790.	800.	900.	820.	760.	940.	900.	860.	920.	800.	1010	940.	870.	840.	870.	950.	810.	850.	870.	930.	920.	950.	890.	1010
8	1100	840.	1050	860.	840.	980.	850.	950.	880.	920.	730.	810.	790.	800.	880.	850.	830.	800.	880.	920.	890.	840.	930.	970.	880.	1100
9	760.	880.	850.	810.	870.	1030	1000	1000	840.	920.	860.	930.	960.	900.	1000	990.	750.	800.	880.	820.	840.	920.	840.	810.	890.	1030
10	830.	1000	850.	790.	800.	920.	950.	920.	1040	1050	950.	910.	900.	940.	890.	830.	920.	800.	840.	890.	860.	910.	840.	880.	900.	1050
11	890.	940.	980.	840.	940.	880.	950.	860.	970.	910.	870.	910.	820.	910.	830.	840.	850.	830.	840.	790.	830.	800.	800.	890.	870.	990.
12	990.	1020	980.	900.	1000	1020	1030	1030	1000	1030	1040	1020	1030	1090	1020	1030	1020	990.	970.	1040	1100	1100	1030	1050	1020	1100
13	850.	790.	880.	870.	930.	920.	880.	940.	880.	860.	820.	830.	870.	780.	770.	880.	830.	910.	820.	820.	840.	920.	850.	810.	860.	940.
14	830.	790.	950.	830.	970.	890.	1050	840.	810.	970.	870.	870.	860.	890.	860.	770.	910.	850.	860.	800.	1020	900.	830.	820.	880.	1050
15	780.	880.	840.	790.	810.	880.	940.	900.	820.	880.	810.	790.	840.	850.	1000	860.	810.	950.	950.	840.	790.	780.	820.	900.	850.	1000
16	1040	1010	1020	930.	880.	780.	850.	930.	780.	810.	850.	830.	950.	720.	850.	840.	760.	770.	760.	760.	920.	940.	740.	740.	850.	1040
17	750.	750.	740.	750.	750.	760.	750.	750.	1000	[MT]	[MT]	780.	870.	770.	790.	830.	780.	790.	760.	800.	760.	830.	940.	760.	790.	1000
18	830.	810.	790.	830.	970.	910.	900.	800.	730.	840.	790.	880.	880.	870.	890.	780.	870.	870.	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	850.	970.
19	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
20	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
21	[FO]	[FO]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[FO]	[FO]	780.	670.	680.	700.	700.	700.	730.	720.	780.	730.	740.	730.	750.	720.	780.
22	740.	720.	840.	900.	730.	790.	760.	740.	720.	720.	710.	760.	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	760.	900.
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	880.	860.	1030	970.	1000	810.	730.	720.	730.	730.	750.	840.	1030
24	1000	1080	950.	890.	980.	1020	980.	900.	960.	820.	980.	980.	940.	990.	1000	1000	980.	980.	970.	950.	830.	990.	880.	970.	960.	1080
25	770.	810.	820.	800.	750.	750.	760.	760.	750.	910.	820.	910.	1050	820.	750.	760.	980.	760.	780.	1030	870.	770.	770.	770.	820.	1050
26	770.	800.	820.	770.	780.	930.	800.	760.	770.	780.	770.	770.	950.	1030	1050	850.	870.	1030	1030	1040	1100	780.	1020	1040	890.	1100
27	1050	760.	830.	1040	1040	750.	840.	750.	740.	800.	1010	990.	960.	960.	820.	850.	850.	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	880.	1050
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	980.	1020	930.	990.	740.	790.	800.	680.	1000	1010	1010	940.	650.	650.	870.	1020
29	650.	640.	630.	690.	630.	650.	890.	1030	1030	1020	1020	1020	1020	1010	1000	1000	770.	730.	840.	880.	660.	860.	1020	840.	860.	1030
30	1090	1110	1080	1040	1040	1010	1050	1000	1060	1080	1070	1040	1060	1030	1040	1000	1000	1070	1070	1070	[OS]	[OS]	[OS]	[OS]	1050	1110
31	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[CA]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[OS]	[ ]	[ ]
AV	870.	870.	870.	850.	880.	880.	890.	890.	880.	890.	880.	890.	920.	890.	880.	870.	860.	880.	870.	870.	870.	860.	860.	860.	870.	[ ]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
8	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
9	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1730	1690	1470	1440	1430	1450	1460	1650	1460	1500	1460	1470	1480	1510	1730
10	1510	1480	1520	1700	1700	1510	1530	1520	1540	1440	1440	1460	1430	1430	1460	1410	1450	1380	1370	1340	1340	1350	1490	1390	1470	1700
11	1500	1460	1490	1510	1560	1540	1530	1480	1280	1320	1270	1250	1340	1330	1330	1440	1610	1610	1520	1580	1590	1530	1400	1450	1460	1610
12	1340	1320	1320	1520	1310	1320	1360	1290	1320	1250	1130	[IM]	[IM]	1180	1410	1260	1240	1240	1240	1220	1200	1200	1220	1210	1280	1520
13	1200	1300	1180	1170	1190	1150	1250	1260	1160	1160	1090	1070	1090	1120	1250	1200	1180	1190	1250	1170	1200	1190	1220	1250	1190	1300
14	1190	1200	1250	1170	1250	1200	1140	1180	1010	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1100	1130	1110	1160	1150	1060	1180	1120	1110	1150	1250
15	1170	1100	1130	1100	1090	1180	1140	1120	1180	[CA]	1160	1120	1110	1110	1110	1070	1070	1050	1050	1020	1100	990.	990.	1030	1100	1180
16	1160	1020	1000	1270	1070	1030	1020	1000	1130	1250	1150	1050	1060	1170	1190	1000	1020	1230	1070	1210	1200	1090	1160	1050	1110	1270
17	1130	1260	1170	1040	1250	1220	1220	1170	1290	1300	1180	1300	1330	1330	1260	1070	1240	1210	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1220	1330
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	1110	1050	1080	1730	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1240	1730
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	1180	930.	790.	810.	790.	780.	780.	880.	810.	850.	790.	830.	850.	1180
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	1280	1270	1260	1310	1300	1270	1270	1250	1240	1290	1200	1280	1280	1230	1240	1170	1210	1270	1230	1230	1220	1200	1210	1200	1230	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	0	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	0	0	0	0	5	5	5	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5
6	5	5	0	5	0	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	0	0	5	5	5	5	0	5	0	0	0	0	0	0	0	5	0	0	5	0	0	0	5
9	5	5	5	5	0	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5
10	5	5	5	5	5	0	0	0	0	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	0	0	0	0	0	5	0	0	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	5
18	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	5
21	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	5	5	5	5	5	5	0	5
24	5	5	5	5	5	5	5	5	5	0	5	5	5	10	5	0	0	5	5	0	0	0	0	0	5	10
25	0	0	0	0	0	0	0	0	5	5	0	0	5	0	0	0	5	5	0	0	0	0	0	0	0	5
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5	0	5
29	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5
30	0	0	5	0	5	5	5	5	0	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	0	0	5	5	5	0	0	5	0	5	0	0	0	0	5	5	5	5	5	5	5	0	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	5	0	5	0	0	0	0	5	0	0	0	0	5	5	5	5	5	5	5	5	0	0	0	0	5
4	0	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5	5	0	5	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	5	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	10
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	5	0	0	0	0	0	0	0	0	5
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	(PF)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0
6	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
7	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(FO)	(FO)	(FO)	(FO)	(FO)	0	0
19	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(FO)	(FO)	(FO)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(PF)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0
28	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
18	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
2	0	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	(PF)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0
6	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
7	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5
17	5	5	5	5	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	(FO)	(FO)	(FO)	(FO)	(FO)	0	5
19	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
21	0	0	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(FO)	(FO)	(FO)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
26	0	0	5	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(PF)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0
28	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	5
29	10	10	10	10	15	10	10	10	10	10	10	10	5	0	0	0	0	0	0	0	0	0	5	10	5	15
30	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	5	5	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
2	0	0	0	5	10	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
3	0	0	0	0	5	10	10	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5	0	10
4	10	5	10	10	10	5	5	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
5	0	0	5	5	10	10	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
6	20	20	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	10
8	10	10	10	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	5	10
9	10	10	10	10	5	10	10	10	5	10	0	0	0	0	0	0	5	10	10	10	10	5	10	10	5	10
10	10	10	10	10	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5	10	5	10
11	5	10	5	5	10	10	5	10	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	10
12	5	5	5	5	5	10	10	5	5	5	5	5	5	5	10	10	10	5	10	10	10	5	10	5	5	10
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	10	5	15	10	5	10	10	15
14	10	10	10	5	5	10	10	10	10	10	10	10	5	5	10	10	5	5	10	5	10	10	10	10	10	10
15	10	5	10	5	10	10	10	10	10	10	10	10	10	5	5	10	10	10	10	5	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	10	10	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	5	5	10	10	5	5	10	10	10	10	10	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	10	10
18	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	0	0	0	0	5	5	0	5
19	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
20	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
21	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
22	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
23	0	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
24	5	0	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5
25	5	5	10	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
26	10	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
27	5	5	10	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	10
28	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	10	5	10	5	5	10
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5	10
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	( )

HYDROCARBONS (METHANE REDUCED)
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	850.	50.0	.00	40.0	20.0	100.	70.0	100.	20.0	20.0	50.0	.00	.00	.00	10.0	50.0	30.0	80.0	.00	.00	60.0	.00	50.0	80.0	70.0	850.
2	30.0	40.0	.00	60.0	.00	50.0	10.0	60.0	.00	40.0	40.0	.00	.00	80.0	.00	.00	20.0	60.0	50.0	30.0	40.0	90.0	100.	.00	30.0	100.
3	30.0	40.0	120.	.00	80.0	40.0	10.0	.00	.00	.00	.00	.00	.00	10.0	.00	30.0	.00	.00	.00	.00	.00	.00	.00	.00	20.0	120.
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	30.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	30.0
5	.00	60.0	70.0	90.0	30.0	60.0	30.0	60.0	70.0	70.0	70.0	40.0	70.0	50.0	50.0	50.0	40.0	50.0	30.0	20.0	20.0	10.0	30.0	70.0	50.0	90.0
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	190.	[CA]	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.0	190.
7	.00	.00	.00	.00	20.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	70.0	.00	.00	.00	70.0
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	60.0	.00	60.0	.00	60.0	80.0	30.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.0	80.0
12	.00	.00	.00	.00	.00	.00	120.	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.0	120.
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	[CA]	70.0	140.	.00	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	20.0	140.
16	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	380.	70.0	80.0	70.0	70.0	70.0	120.	120.	380.
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.0	.00	.00	.00	.00	.00	.00	.00	20.0
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	20.0	40.0	.00	40.0
21	60.0	60.0	70.0	110.	120.	140.	160.	170.	190.	210.	220.	[CA]	.00	.00	.00	.00	.00	.00	.00	.00	[FO]	[FO]	[FO]	[FO]	80.0	220.
22	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
23	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
24	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[CA]	[CA]	[CA]	80.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	10.0	80.0
25	.00	.00	.00	.00	[CA]	.00	.00	.00	.00	.00	.00	.00	40.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	40.0
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	[CA]	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	160.	.00	10.0	160.
29	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
30	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[CA]	[CA]	.00	40.0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	20.0	40.0
31	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
AV	40.0	10.0	10.0	10.0	20.0	20.0	20.0	20.0	10.0	10.0	20.0	10.0	20.0	10.0	10.0	10.0	.00	20.0	10.0	10.0	10.0	10.0	20.0	10.0	20.0	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.2	.2	.2	.2	.0	.1	.2	.1	.2	.2	.2	.2	.1	.2	.2	.2	.2	.1	.1	.2	.1	.2	.2	.2	.2	.2
2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2
3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2
4	.2	.2	.2	.2	.2	.1	.2	.2	.1	.1	.2	.2	.2	.1	.2	.2	.1	.1	.2	.2	.1	.2	.1	.1	.2	.2
5	.1	.1	.1	.1	.2	.0	.1	.1	.1	.1	.2	.1	.2	.1	.1	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.2
6	.0	.1	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.1	.1	.2	.1	.1	.1	.2	.1	.1	.1	.2	.1	.1	.2
8	.1	.2	.1	.2	.2	.1	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.1	.2	.2	.1	.1	.2	.2
9	.2	.2	.2	.2	.1	.2	.2	.1	.2	.2	.2	.1	.1	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
10	.1	.1	.2	.2	.2	.1	.1	.1	.1	.0	.1	.2	.2	.1	.2	.2	.1	.2	.2	.1	.2	.1	.2	.1	.1	.2
11	.1	.1	.2	.2	.1	.2	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2
12	.1	.1	.0	.0	.1	.1	.0	.1	.1	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1
13	.2	.2	.1	.1	.2	.2	.2	.1	.2	.1	.2	.2	.2	.2	.2	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2
14	.2	.2	.1	.1	.1	.2	.2	.2	.2	.2	.1	.2	.1	.1	.2	.2	.1	.1	.2	.2	.2	.2	.2	.1	.2	.2
15	.2	.2	.2	.2	.2	.2	.1	.1	.2	.2	.2	.2	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2
16	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.2	.2	.1	.0	.2	.2	.2	.2	.2	.2	.1	.1	.2	.2	.1	.2
17	.2	.2	.2	.2	.2	.2	.2	.2	.2	(MT)	(MT)	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
18	.2	.2	.2	.2	.2	.2	.3	.2	.4	.3	.2	.2	.2	.2	.3	.2	.2	.2	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	.2	.4
19	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
20	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
21	(FO)	(FO)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(FO)	(FO)	.1	.2	.2	.2	.2	.2	.2	.2	1.1	.2	.2	.2	.2	.3	1.1
22	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	.2	.2
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	.2	.1	.1	.0	.0	.1	.2	.2	.2	.2	.1	.1	.2
24	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1	.2
25	.2	.2	.1	.1	.2	.2	.2	.2	.2	.1	.1	.1	.0	.1	.2	.2	.1	.2	.2	.0	.1	.2	.2	.2	.1	.2
26	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.0	.0	.1	.2	.0	.0	.0	.0	.2	.0	.0	.1	.2
27	.1	.2	.2	.1	.0	.2	.2	.2	.2	.2	.0	.1	.1	.1	.1	.1	.1	(PF)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	.1	.2
28	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	.2	.1	.1	.1	.1	.1	.1	.2	.0	.0	.0	.1	.2	.2	.1	.2
29	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.2	.1	.0	.1	.1	.2
30	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	(CA)	.0	.1	.2	.1	.1	.1	.0	.1	.0	.2	.2	.0	.2
AV	.1	.2	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	( )

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.2	.0	.1	.2	.0	.0	.1	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.2	.1	.2	.1	.2
2	.1	.0	.0	.2	.2	.2	.0	.0	.2	.2	.1	.1	.0	.1	.1	.1	.2	.2	.2	.2	.1	.0	.0	.0	.1	.2
3	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0	.1	.0	[CA]	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2
4	.0	.2	.2	.2	.2	.2	.2	.2	.1	.0	.1	.0	.1	.0	.1	.2	.1	.1	.2	.1	.1	.2	.2	.2	.1	.2
5	.2	.3	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.3
6	.0	.2	.0	.2	.2	.1	.1	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
7	.1	.1	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	.2	.2
8	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
9	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	.0	.1	.2	.2	.2	.2	.2	.1	.2	.1	.2	.2	.2	.2	.2
10	.2	.2	.2	.1	.1	.2	.2	.2	.1	.2	.2	.2	.2	.1	.2	.1	.1	.2	.2	.2	.2	.1	.1	.2	.2	.2
11	.1	.3	.2	.2	.1	.2	.2	.2	.1	.1	.0	.1	.0	.1	.1	.0	.1	.0	.0	.1	.0	.2	.2	.2	.1	.3
12	.2	.2	.2	.1	.2	.2	.2	.2	.1	.2	.2	.2	.2	.0	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
13	.2	.1	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2
14	.2	.2	.2	.2	.1	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.1	.2	.2	.2	.2
15	.2	.2	.2	.2	.2	.2	.2	.2	.1	[CA]	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2
16	.1	.2	.2	.0	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2
17	.2	.1	.2	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.2	.1	.1	.1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.1	.2
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	.1	.1	.1	.1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.1	.1
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	.1	.1	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.1	.2	.2	.2	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

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3	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
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26	80	40	50	60	40	20	20	30	70	60	90	80	80	80	70	80	80	90	80	100	120	10	20	10	60	120
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AV	30	20	20	20	10	10	10	10	20	20	30	20	20	30	20	20	20	30	30	20	30	20	20	20	20	[ ]

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DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
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13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	10	10	10	10	10	10	10	10
20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	20	10	10	10	10	10	10	10	10	10	10	10	20
25	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
27	10	10	10	10	10	10	10	10	10	10	10	10	110	10	10	10	10	10	10	10	10	10	10	10	10	110
28	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	0	10	10	10	0	0	0	10	10
29	10	10	0	0	10	10	10	10	10	10	10	10	10	0	10	10	10	0	10	10	10	0	10	0	10	10
30	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	0	0	0	0	10	0	10	0	10
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	[ ]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	10	0	0	10	0	0	10	10	10	10	10	10	10	10	10	0	10	0	0	10	10	10	10	10
2	10	10	10	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10	0	10	10	10	10	10	10	10
11	0	0	0	0	0	10	10	10	10	10	0	0	0	0	0	0	0	10	0	10	10	10	0	0	0	10
12	0	0	0	0	0	0	0	0	10	0	0	0	10	0	0	0	0	0	0	10	0	0	0	0	0	10
13	10	0	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	0	10	10	10	10
14	0	0	10	0	10	10	10	10	10	10	0	10	10	10	0	0	0	0	10	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	[CA]	[CA]	[CA]	[CA]	20	20	10	10	10	10	10	10	20
18	20	10	10	10	10	10	10	10	20	[CA]	[CA]	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10	20
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	20
20	10	10	10	10	10	20	10	10	10	10	10	10	10	20	20	10	10	10	10	10	10	10	10	10	10	20
21	10	10	20	20	20	10	10	10	10	10	10	10	10	10	10	10	20	20	20	10	10	10	10	10	10	20
22	10	10	10	10	10	10	10	10	20	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20
23	10	10	10	10	10	10	10	10	10	20	20	20	20	20	10	10	10	10	10	10	10	10	10	10	10	20
24	10	10	10	10	10	10	10	20	20	[CA]	[CA]	[CA]	[CA]	[CA]	10	10	10	10	10	10	10	10	10	10	10	20
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	10	20	10	10	10	10	10	10	10	10	20
27	10	10	10	10	10	10	10	10	10	20	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20
28	10	10	10	10	10	20	20	20	20	20	20	20	10	10	10	10	10	10	10	10	10	10	10	10	10	20
29	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	20	20	10	10	10	10	10	10	10	20
30	10	10	10	10	10	10	10	10	20	10	[CA]	20	20	20	20	20	20	20	20	10	10	20	20	20	20	20
31	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[ ]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

****
PRELIMINARY DATA
AS OF 15 OCT 75
****
Subject To
Revision
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	[LI]	[LI]	10	0	10	40	20	0	0	0	0	0	0	40
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[PF]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

Moore Business Forms, Inc [illegible]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
6	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	10	10	10	10	10	10	10	10	10	10	10	10	10	( )

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 02 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	[CA]	[CA]	[CA]	[CA]	10	10	10	10	10	10	10	10	10
18	10	10	10	10	10	10	10	10	10	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	10
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	10	10	0	0	0	0	0	0	10
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	( )

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	30	20	20	10	10	20	20	20	20	20	20	20	20	20	20	20	20	10	10	10	10	10	10	20	30
2	10	10	10	10	10	20	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	10	10	20	20
3	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20
4	10	10	10	10	10	10	10	10	10	10	20	20	[LI]	[LI]	20	20	20	0	20	20	10	10	10	10	10	20
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	10	10	10	10	20
9	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20	20
10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
11	20	20	10	10	10	10	10	10	20	20	20	20	20	20	30	30	30	30	30	30	20	30	20	20	20	30
12	20	10	20	10	10	10	10	10	10	10	20	20	20	20	20	20	20	30	20	20	20	20	20	20	20	30
13	20	20	20	20	20	20	10	20	10	20	20	20	20	20	20	20	20	30	30	20	20	20	10	20	20	30
14	20	10	10	20	10	10	10	10	10	20	20	20	20	80	50	20	30	20	20	20	20	30	50	50	20	80
15	170	150	100	30	30	30	40	10	10	20	20	20	20	20	20	30	20	40	40	30	50	30	10	10	40	170
16	10	10	10	0	0	0	0	0	20	10	80	20	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	80
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	20	20	20	20	20	10	20	20	10	10	10	10	20	20
25	10	10	10	10	10	30	10	20	10	10	10	10	0	10	10	10	10	10	10	10	10	20	50	40	10	50
26	70	40	50	50	40	20	20	30	70	50	80	70	80	80	70	70	80	90	70	100	120	10	20	10	60	120
27	10	10	20	20	20	10	20	20	30	30	20	40	20	20	30	10	20	[PF]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	20	40
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	20	20	20	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	[ ]

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NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)
                                                    WHITE RIVER SHALE PROJECT,UTAH       *********************
                                                                                         *                   *
                                                    SITE A  2                            *  PRELIMINARY DATA *
                                                                                         *  AS OF 15 OCT 75  *
                                                    JUNE,1975                            *                   *
                                                                                         *********************
                                                    AEROVIRONMENT INC.                   *                   *
                                                                                         *    Subject To     *
                                                                                         *     Revision      *
                                                                                         *                   *
                                                                                         *********************

                                         CLOCK HOUR  (LOCAL STANDARD TIME)
 D                                                                                                           P
 A                                                                                                           E
 T  00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE  A
 E                                                                                                           K

  1 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
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 10 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
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 12 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
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 14 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 15 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 16 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
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 19 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (CA) (CA) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 20 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 21 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 22 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 23 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 24 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (CA) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 25 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 26 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 27 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 28 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 29 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 30 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)   0    0    0    0    0    0    0    0    0    0    0    0    0     0
 31 (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  )(   ) (   )

 AV (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  )   0    0    0    0    0    0    0    0    0    0    0    0    0  (   )
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NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	(CA)	(CA)	(CA)	0	0	0	0	0	0	0	0	0
18	10	0	0	0	0	0	0	0	10	(CA)	(CA)	(CA)	0	10	10	0	0	0	0	10	0	0	0	0	0	10
19	10	0	0	0	0	0	0	0	0	10	0	10	0	10	0	0	0	10	0	0	0	0	0	10	0	10
20	10	10	0	0	0	10	0	0	0	0	0	0	0	10	10	0	0	0	0	0	10	0	0	0	0	10
21	0	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	10	10	10	0	0	0	0	0	0	10
22	0	0	0	0	0	0	0	10	10	10	10	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10
23	0	0	0	0	0	0	0	0	0	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	10
24	0	0	0	0	0	0	0	10	10	(CA)	(CA)	(CA)	(CA)	(CA)	0	0	10	0	0	0	0	0	0	0	0	10
25	10	0	0	0	0	0	0	0	10	10	10	10	10	10	0	10	0	0	0	0	0	0	10	0	0	10
26	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	10
27	0	0	0	0	0	0	10	10	10	10	(CA)	0	0	0	10	0	10	0	0	0	0	0	10	0	0	10
28	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	0	0	10	0	0	10	0	0	0	10	10
29	10	0	0	0	10	10	0	0	0	0	0	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10
30	0	10	10	10	0	0	10	10	10	10	(CA)	10	20	20	10	10	10	10	10	0	0	20	10	10	10	20
31	10	10	10	20	20	10	20	20	10	20	10	10	10	10	10	20	10	20	10	20	10	10	20	10	10	20
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	100	90	90	90	80	80	80	90	110	130	140	140	140	150	150	150	150	150	150	120	120	120	110	100	120	150
2	110	90	90	80	90	80	80	90	100	120	140	160	160	160	170	170	170	180	170	150	190	190	170	160	140	190
3	150	130	110	110	100	100	90	100	100	130	140	150	160	160	160	160	170	180	190	180	160	160	160	150	140	190
4	150	150	150	150	140	140	150	170	190	190	190	200	190	190	180	180	160	150	160	160	150	160	160	160	170	200
5	160	160	160	160	170	170	160	150	150	160	160	170	170	170	160	160	170	170	160	160	160	150	150	150	160	170
6	140	140	130	140	130	130	130	130	130	140	140	150	150	150	150	150	150	150	150	160	150	150	150	150	140	160
7	140	140	140	130	130	120	130	130	130	130	130	140	130	140	140	140	140	140	140	140	140	140	130	130	140	140
8	110	120	110	100	90	90	90	90	110	130	150	150	150	160	160	160	170	170	170	150	150	150	130	130	130	170
9	130	110	100	100	90	80	80	80	90	120	140	140	150	160	160	160	160	160	140	130	120	120	110	90	120	150
10	90	80	90	70	70	70	70	70	100	120	130	150	160	190	210	200	210	200	190	150	150	130	140	130	130	210
11	130	110	110	100	90	90	80	90	130	150	170	180	190	210	210	210	220	220	210	190	170	160	160	150	160	220
12	160	190	180	170	160	150	150	150	150	150	160	160	170	170	160	160	160	160	160	160	[IM]	[IM]	[IM]	[IM]	160	190
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	120	150	150	150	150	160	150	150	150	150	140	130	120	110	140	160
18	90	100	80	80	70	90	70	70	120	120	130	130	130	140	140	140	150	150	150	140	140	130	140	140	120	150
19	130	120	120	120	120	120	90	80	100	100	110	130	150	140	140	140	140	140	140	140	140	130	120	110	120	150
20	110	120	130	140	140	130	120	110	110	110	110	120	130	140	140	140	140	140	140	170	200	160	160	150	140	200
21	150	160	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	200	220	230	230	220	220	230	230	240	240	210	180	170	160	150	200	240
22	140	140	120	110	110	110	90	100	140	140	140	150	160	150	150	140	140	160	210	200	170	140	140	120	140	210
23	130	100	90	80	80	80	60	80	120	140	150	160	160	150	150	150	150	140	150	140	130	130	110	110	120	160
24	110	110	100	90	70	70	60	70	80	90	120	140	140	140	140	140	130	130	130	130	120	120	120	110	110	140
25	100	100	120	130	160	230	190	200	200	200	200	190	200	200	210	210	210	210	210	160	160	160	170	160	180	230
26	160	150	130	120	120	120	110	120	140	140	150	160	160	170	180	180	180	180	160	130	140	150	150	140	150	190
27	140	150	150	140	140	120	120	120	120	140	150	150	150	160	160	160	150	[PF]	140	130	140	130	130	120	140	160
28	140	150	140	150	140	140	140	130	120	120	120	120	120	120	120	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	130	150
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	130	130	120	120	110	110	110	110	120	140	150	160	160	160	160	160	170	170	170	150	150	140	140	130	140	[ ]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	170	190	180	170	140	110	160	190
19	120	100	100	100	100	90	90	90	120	130	150	160	170	180	180	180	190	190	190	190	150	170	170	130	140	190
20	120	120	120	110	110	100	80	110	140	140	140	180	170	170	170	190	190	200	220	210	160	130	140	140	150	220
21	120	90	90	80	70	60	60	80	100	130	160	180	180	160	150	150	140	140	140	120	110	120	110	110	120	180
22	90	100	90	90	70	80	60	80	110	140	150	170	180	180	180	190	190	180	180	170	160	160	150	160	140	190
23	150	130	120	100	100	90	90	100	130	150	170	170	170	180	180	180	190	180	150	120	110	130	110	130	140	190
24	130	110	110	100	100	90	80	80	140	180	200	200	170	160	170	170	170	170	160	150	140	130	120	110	140	200
25	120	140	160	180	180	180	170	160	160	160	180	200	210	170	[MT]	150	160	150	150	150	150	150	150	140	160	210
26	120	110	90	90	80	70	80	100	110	140	140	150	170	180	180	180	180	180	180	150	140	180	190	170	140	190
27	140	140	130	130	120	120	110	120	150	160	160	170	[CA]	160	160	150	150	160	160	160	150	150	160	170	150	170
28	170	150	140	140	120	110	100	110	150	170	190	210	210	220	210	190	190	190	200	210	200	190	180	180	170	220
29	170	170	150	130	130	120	110	110	140	150	170	180	170	160	150	150	150	150	150	150	130	130	130	130	150	180
30	130	130	110	100	90	90	80	80	110	130	130	140	160	160	160	150	150	150	150	140	130	130	130	130	130	160
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	130	120	120	110	110	100	90	100	130	150	160	180	180	170	170	170	170	170	170	160	150	150	140	140	140	[ ]

OZONE
[MICROGRAMS/CU. METER]

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 02 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	110	100	90	90	90	80	70	80	100	120	130	150	160	160	160	160	160	160	160	150	150	140	140	120	130	160
2	110	110	100	90	100	100	80	80	120	140	150	150	150	160	160	160	160	160	160	160	170	170	160	160	140	170
3	160	150	130	130	130	130	140	150	160	170	170	170	170	150	170	170	170	180	190	160	170	150	130	130	160	190
4	120	130	120	110	120	100	80	90	110	160	160	160	170	200	190	190	200	190	180	180	170	170	150	130	150	200
5	120	110	120	130	120	110	100	110	140	170	180	170	180	190	190	190	190	190	180	180	190	190	180	170	160	190
6	150	130	130	120	120	110	110	120	150	170	180	190	190	[CA]	190	190	190	190	190	180	150	140	150	140	160	190
7	130	110	110	110	80	80	80	80	110	140	150	170	180	180	180	180	170	170	170	170	150	150	140	140	140	180
8	140	130	130	130	120	110	110	110	120	130	150	150	160	160	170	150	130	130	130	130	120	120	110	90	130	170
9	80	90	100	110	120	120	120	130	150	150	150	160	150	160	160	160	170	170	150	150	130	120	110	100	130	170
10	80	80	70	60	60	60	70	80	110	130	140	150	160	160	160	150	150	150	150	140	130	130	130	130	120	160
11	140	120	100	110	100	80	80	70	120	140	160	150	160	160	160	160	150	140	140	140	130	130	120	110	130	160
12	100	110	100	90	90	90	80	110	140	150	160	170	[CA]	150	150	150	150	150	150	140	130	130	130	130	130	170
13	130	130	130	130	140	140	130	140	150	160	160	160	130	150	170	180	180	210	220	220	210	170	140	130	160	220
14	130	120	100	110	90	90	90	100	130	150	190	210	220	220	220	200	210	220	220	220	210	200	180	200	170	220
15	220	200	180	150	170	170	140	140	190	200	[CA]	200	180	170	160	170	150	130	120	100	130	100	90	70	150	220
16	100	110	130	110	90	70	80	100	110	[CA]	[CA]	50	140	150	50	120	170	170	160	170	170	150	130	120	120	170
17	120	100	100	70	70	50	60	70	90	130	140	120	60	190	200	[IM]	[IM]	180	170	150	140	130	120	120	120	200
18	130	130	110	90	90	80	70	80	130	150	160	160	170	180	180	180	170	150	150	140	140	140	150	140	140	180
19	120	110	110	90	80	80	70	90	100	130	150	160	170	170	170	170	180	180	180	170	140	130	110	130	130	180
20	120	100	110	110	80	80	70	70	90	120	150	150	150	160	190	180	170	180	180	170	150	160	140	130	130	190
21	130	140	130	110	100	90	90	100	100	120	140	150	160	160	170	170	170	160	150	130	120	110	100	100	130	170
22	90	90	80	100	90	90	70	90	110	130	150	160	170	180	190	190	190	180	180	160	160	150	150	150	140	190
23	150	140	120	100	90	90	80	80	110	140	160	170	170	170	170	170	170	170	160	150	120	140	140	120	140	170
24	110	110	100	90	80	70	70	70	90	130	150	160	160	[CA]	[CA]	170	170	170	160	150	130	130	140	120	120	170
25	120	110	90	90	90	80	70	80	110	120	150	160	170	180	190	190	190	190	190	180	160	150	150	140	140	190
26	150	110	110	110	100	90	80	90	110	130	140	160	160	180	180	180	180	180	170	160	140	150	160	180	140	180
27	150	150	140	140	130	130	110	130	160	160	180	190	180	190	190	180	180	180	180	170	160	170	170	160	160	190
28	170	160	140	130	140	120	130	110	120	140	150	160	170	180	190	190	180	190	180	180	170	150	150	160	160	190
29	160	160	160	160	150	150	150	160	160	170	170	160	140	150	150	160	160	170	160	140	120	110	80	100	150	170
30	90	110	130	90	100	100	130	110	100	150	160	110	180	170	180	200	220	220	210	170	180	170	170	170	150	220
31	160	160	150	140	130	110	120	120	130	150	160	160	170	170	170	170	180	180	170	150	140	140	120	100	150	180
AV	130	120	120	110	110	100	90	100	120	150	160	160	160	170	170	170	170	170	170	160	150	140	140	130	140	[ ]

SCATTERING COEFFICIENT
(1/(1000 M))

WHITE RIVER SHALE PROJECT,UTAH

SITE A: 2

MAY,1975

AEROVIRONMENT INC.

```
*********************
*                   *
*  PRELIMINARY DATA *
*  AS OF 14 SEP 75  *
*                   *
*********************
*                   *
*     Subject To    *
*      Revision     *
*                   *
*********************
```

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DMAX
1	.07	.07	.07	.07	.07	.07	.08	.07	.09	.07	.07	.07	.06	.06	.06	.06	.06	.07	.06	.06	.06	.06	.07	.07	.07	.09
2	.07	.07	.07	.07	.08	.08	.09	.08	.08	.08	.07	.07	.07	.07	.06	.06	.07	.06	.06	.07	.08	.09	.09	.08	.07	.09
3	.09	.08	.08	.08	.08	.08	.08	.08	.08	.07	.07	.07	.06	.06	.06	.06	.05	.05	.05	.05	.06	.06	.06	.06	.07	.09
4	.07	.07	.06	.06	.06	.06	.06	.06	.08	.10	.09	.08	.08	.07	.07	.07	.07	.09	.08	.09	.06	.05	.05	.05	.07	.10
5	.05	.05	.05	.05	.05	.06	.06	.07	.06	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.07
6	.06	.06	.06	.06	.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06
7	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06
8	.05	.05	.06	.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06
9	.06	.06	.07	.07	.07	.07	.07	.07	.07	.06	.06	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.07
10	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.07	.06	.07
11	.07	.07	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.05	.05	.06	.07	.06	.07
12	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.06
13	.05	.05	.05	.05	.06	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.05	.05	.05	.05	.05	.05	.06
14	.05	.06	.05	.06	.06	.06	.06	.06	.06	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04	.05	.06
15	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04	.05
16	.05	.06	.06	.06	.06	.06	.06	.06	.06	.07	.09	.09	.10	.10	.10	.09	.09	.09	.09	.09	.09	.08	.07	.08	.08	.10
17	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.07	.07
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.05	.05	.06	.05	.06	.06	.06	.06	.06	.06	[ ]

SCATTERING COEFFICIENT
(1/(1000 M))

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 14 SEP 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ ]	[ ]
16	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ ]	[ ]
17	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ ]	[ ]
18	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ ]	[ ]
19	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ ]	[ ]
20	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ ]	[ ]
21	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ ]	[ ]
22	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ ]	[ ]
23	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ ]	[ ]
24	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[ ]	[ ]
25	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	[SE]	.08	.09	.10	.09	.08	.09	.08	.07	.07	.07	.08	.10
26	.07	.08	.08	.09	.08	.08	.08	.08	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.09
27	.08	.07	.07	.07	.08	.09	.08	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.09
28	.07	.07	.07	.07	.07	.08	.08	.07	.08	.08	.09	.08	.08	.08	.08	.08	.08	.09	.08	.09	.09	.08	.09	.08	.08	.09
29	.08	.09	.08	.08	.08	.08	.08	.08	.09	.08	.08	.08	.08	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.08	.09
30	.07	.07	.07	.07	.08	.07	.08	.07	.08	.08	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.09
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.07	.07	.07	.07	.09	.08	.09	.07	.08	.08	.07	.07	.07	.07	.07	.08	.09	.08	.07	.07	.07	.07	.07	.07	.08	[ ]

SCATTERING COEFFICIENT
(1/(1000 M))

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

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**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 02 OCT 75   *
*                    *
**********************
*                    *
*     Subject To     *
*     Revision       *
*                    *
**********************
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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.05	.06	.06	.07	.07	.07	.07	.06	.06	.06	.06	.06	.07	.07	.07	.06	.07	.07	.07	.07	.07	.07	.07	.08	.07	.08
2	.09	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.07	.09	.07	.07	.08	.07	.07	.07	.07	.07	.07	.07	.07	.09	.09
3	.06	.07	.07	.07	.07	.07	.07	.06	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07
4	.07	.08	.08	.08	.08	.08	.08	.08	.08	.07	.07	.07	.07	.07	.08	.08	.08	.08	.07	.07	.07	.07	.07	.08	.08	.08
5	.08	.08	.08	.08	.07	.09	.08	.08	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.09
6	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.06	.07	.07	.07	.07	.06	.06	.07	.07	.07	.07	.07	.07
7	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07
8	.06	.07	.07	.07	.07	.08	.08	.08	.08	.08	.08	.08	.08	.08	.07	.08	.07	.07	.07	.07	.07	.07	.07	.07	.07	.09
9	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.06	.07	.06	.06	.06	.06	.06	.06	.06	.07	.07	.07	.07	.07	.07
10	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.09	.08	.08	.08	.08	.08	.07	.08
11	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.07	.08	.08	.08	.09	.08	.09	.07	.07	.08	.08	.07	.07	.09	.09
12	.07	.08	.07	.07	.08	.08	.08	.09	.08	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.09
13	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.06	.06	.06	.05	.06	.06	.06	.06	.07	.07	.07	.07
14	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.06	.06	.06	.06	.06	.07	.07	.07	.07	.06	.06	.06	.06	.06	.07	.07
15	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.07	.07	.07	.08	.07	.07	.07	.07	.09	.07	.08	.08	.08	.07	.09
16	.08	.07	.07	.07	.07	.07	.08	.08	.09	.08	.08	.08	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.08
17	.09	.08	.08	.08	.08	.08	.09	.09	.10	.09	.10	.10	.09	.07	.08	.09	.08	.09	.09	.09	.08	.09	.09	.08	.09	.10
18	.08	.09	.08	.09	.08	.08	.09	.08	.08	.08	.09	.07	.07	.07	.07	.07	.07	.07	.07	.07	.06	.06	.06	.06	.07	.09
19	.07	.07	.07	.06	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.06	.06	.07	.07	.07	.07	.07
20	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.06	.06	.07	.06	.06	.06	.06	.06	.06	.07	.07	.07
21	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.06	.06	.06	.07	.06	.06	.06	.06	.06	.06	.06	.06	.07	.07
22	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.07	.07	.06	.07
23	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07
24	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.06	.06	.06	.06	.06	.06	.06	.07	.07	.07	.07	.07	.07	.07
25	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.06	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07
26	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.08	.08	.08	.08	.07	.07	.07	.07	.07	.07	.07	.09
27	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.06	.06	.06	.06	.06	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07
28	.06	.07	.07	.06	.07	.07	.07	.07	.07	.07	.07	.07	.07	.06	.06	.06	.06	.06	.06	.07	.07	.07	.07	.07	.07	.07
29	.07	.07	.07	.07	.07	.07	.06	.06	.06	.06	.06	.07	.07	.07	.07	.07	.07	.06	.06	.07	.07	.07	.07	.06	.07	.07
30	.06	.06	.06	.06	.06	.06	.06	.06	.07	.07	.09	.08	.09	.09	.08	.09	.07	.07	.08	.09	.09	.09	.09	.09	.07	.09
31	.08	.08	.08	.08	.08	.08	.08	.09	.09	.08	.09	.08	.09	.09	.08	.08	.07	.07	.07	.07	.07	.07	.07	.08	.09	.08
AV	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	( )

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LOCAL VISUAL RANGE
(KILOMETERS)
                                                        WHITE RIVER SHALE PROJECT,UTAH     **********************
                                                                                           *                    *
                                                        SITE A  2                          *  PRELIMINARY DATA  *
                                                                                           *  AS OF 15 OCT 75   *
                                                        MAY,1975                           *                    *
                                                                                           **********************
                                                        AEROVIRONMENT INC.                 *                    *
                                                                                           *     Subject To     *
                                                                                           *      Revision      *
                                                                                           *                    *
                                                                                           **********************

                                      CLOCK HOUR  (LOCAL STANDARD TIME)
   D                                                                                                             P
   A                                                                                                             E
   T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
   E                                                                                                             K

   1 70.0 68.0 64.0 64.0 65.0 64.0 61.0 64.0 63.0 64.0 68.0 65.0 78.0 84.0 82.0 82.0 75.0 66.0 78.0 73.0 75.0 73.0 72.0 70.070.0 84.0
   2 67.0 69.0 68.0 64.0 58.0 59.0 60.0 59.0 59.0 59.0 64.0 71.0 71.0 72.0 75.0 73.0 72.0 78.0 78.0 72.0 57.0 53.0 53.0 59.065.0 78.0
   3 61.0 59.0 59.0 59.0 59.0 59.0 57.0 59.0 59.0 65.0 67.0 66.0 76.0 80.0 78.0 85.0 89.0 92.0 92.0 89.0 82.0 82.0 82.0 77.072.0 92.0
   4 70.0 70.0 75.0 75.0 73.0 76.0 75.0 73.0 60.0 48.0 60.0 59.0 62.0 65.0 64.0 67.0 67.0 59.0 59.0 55.0 85.0 94.0 100. 96.070.0 100.
   5 100. 92.0 90.0 89.0 89.0 82.0 82.0 69.0 84.0 87.0 90.0 92.0 96.0 87.0 82.0 84.0 80.0 76.0 82.0 82.0 76.0 82.0 84.0 82.085.0 100.
   6 78.0 76.0 81.0 78.0 77.0 77.0 76.0 84.0 85.0 90.0 90.0 96.0 96.0 92.0 94.0 98.0 102. 100. 96.0 96.0 100. 100. 96.0 94.090.0 102.
   7 90.0 87.0 90.0 92.0 89.0 87.^  7.0 89.0 89.0 87.0 78.0 84.0 82.0 87.0 90.0 94.0 94.0 92.0 90.0 90.0 89.0 94.0 90.0 90.089.0 94.0
   8 92.0 89.0 84.0 85.0 85.0 85.0 84.0 85.0 87.0 94.0 89.0 94.0 89.0 85.0 81.0 81.0 80.0 80.0 80.0 78.0 80.0 76.0 75.0 75.084.0 94.0
   9 75.0 73.0 70.0 70.0 71.0 71.0 68.0 71.0 72.0 76.0 78.0 82.0 89.0 104. 96.0 94.0 87.0 90.0 90.0 87.0 89.0 87.0 82.0 81.081.0 104.
  10 82.0 77.0 77.0 77.0 80.0 77.0 78.0 77.0 82.0 82.0 87.0 87.0 94.0 94.0 89.0 90.0 90.0 96.0 89.0 87.0 82.0 77.0 78.0 72.083.0 96.0
  11 71.0 72.0 76.0 76.0 75.0 73.0 75.0 78.0 73.0 73.0 76.0 78.0 85.0 84.0 84.0 90.0 100. 98.0 98.0 98.0 100. 102. 77.0 69.083.0 102.
  12 85.0 87.0 90.0 92.0 102. 102. 96.0 98.0 100. 102. 98.0 107. 107. 112. 115. 118. 112. 112. 107. 104. 102. 102. 98.0 94.0102. 118.
  13 102. 102. 96.0 98.0 84.0 84.0 89.0 87.0 87.0 89.0 87.0 87.0 94.0 98.0 96.0 98.0 102. 109. 107. 102. 98.0 92.0 89.0 90.094.0 109.
  14 87.0 84.0 87.0 84.0 81.0 81.0 80.0 82.0 81.0 89.0 89.0 96.0 104. 109. 112. 109. 115. 115. 118. 115. 112. 104. 109. 107.98.0 118.
  15 107. 107. 96.0 96.0 98.0 94.0 92.0 96.0 92.0 100. 104. 112. 109. 115. 118. 115. 118. 124. 124. 118. 107. 104. 98.0 96.0106. 124.
  16 87.0 84.0 84.0 84.0 82.0 77.0 77.0 76.0 77.0 71.0 52.0 50.0 49.0 47.0 48.0 52.0 58.0 52.0 51.0 55.0 55.0 59.0 66.0 62.065.0 87.0
  17 65.0 66.0 65.0 67.0 69.0 70.0 71.0 68.0 67.0 68.0 66.0 71.0 72.0 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM]68.0 72.0
  18 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
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  21 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
  22 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
  23 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
  24 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
  25 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
  26 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
  27 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
  28 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
  29 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
  30 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
  31 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]

  AV 82.0 80.0 80.0 79.0 79.0 78.0 77.0 77.0 77.0 79.0 79.0 82.0 85.0 88.0 88.0 89.0 90.0 90.0 90.0 88.0 87.0 86.0 84.0 82.083.0 [   ]
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          LOCAL VISUAL RANGE
          (KILOMETERS)
                                                          WHITE RIVER SHALE PROJECT,UTAH     **********************
                                                                                             *                    *
                                                          SITE A  2                          *  PRELIMINARY DATA  *
                                                                                             *  AS OF 15 OCT 75   *
                                                          JUNE,1975                          *                    *
                                                                                             **********************
                                                          AEROVIRONMENT INC.                 *                    *
                                                                                             *     Subject To     *
                                                                                             *      Revision      *
                                                                                             *                    *
                                                                                             **********************

                                    CLOCK HOUR  (LOCAL STANDARD TIME)
D                                                                                                                      P
A                                                                                                                      E
T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
E                                                                                                                      K

 1 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][    ] [    ]
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11 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][    ] [    ]
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13 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][    ] [    ]
14 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][    ] [    ]
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16 [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE][    ] [    ]
17 [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE][    ] [    ]
18 [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE][    ] [    ]
19 [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE][    ] [    ]
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21 [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE][    ] [    ]
22 [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE][    ] [    ]
23 [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE][    ] [    ]
24 [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE][    ] [    ]
25 [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] [SE] 59.0 55.0 49.0 55.0 61.0 59.0 63.0 66.0 66.0 65.060.0 66.0
26 65.0 61.0 61.0 63.0 63.0 63.0 62.0 63.0 64.0 66.0 66.0 66.0 64.0 65.0 65.0 66.0 66.0 65.0 65.0 64.0 64.0 64.0 64.0 65.064.0 66.0
27 62.0 64.0 64.0 64.0 59.0 58.0 59.0 64.0 64.0 64.0 65.0 66.0 67.0 69.0 70.0 71.0 68.0 69.0 68.0 67.0 69.0 69.0 68.0 68.066.0 71.0
28 67.0 66.0 64.0 64.0 64.0 63.0 63.0 64.0 59.0 59.0 58.0 56.0 56.0 57.0 57.0 61.0 62.0 62.0 61.0 59.0 59.0 59.0 59.0 59.061.0 67.0
29 59.0 59.0 58.0 58.0 57.0 57.0 57.0 59.0 59.0 59.0 57.0 59.0 60.0 64.0 66.0 69.0 68.0 68.0 68.0 69.0 69.0 68.0 69.0 67.063.0 69.0
30 65.0 64.0 64.0 64.0 62.0 64.0 63.0 64.0 63.0 61.0 65.0 66.0 68.0 69.0 71.0 70.0 70.0 71.0 70.0 68.0 67.0 67.0 66.0 64.066.0 71.0
31 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][    ] [    ]

AV 64.0 63.0 62.0 63.0 61.0 61.0 61.0 63.0 62.0 62.0 62.0 63.0 63.0 65.0 65.0 65.0 64.0 65.0 66.0 64.0 65.0 66.0 65.0 65.063.0 [    ]
```

LOCAL VISUAL RANGE
(KILOMETERS)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	76.0	75.0	73.0	71.0	71.0	70.0	71.0	73.0	75.0	77.0	73.0	75.0	72.0	70.0	71.0	73.0	71.0	69.0	69.0	68.0	67.0	64.0	64.0	63.0	71.0	77.0
2	61.0	61.0	62.0	60.0	59.0	62.0	60.0	60.0	62.0	63.0	63.0	64.0	63.0	64.0	64.0	63.0	65.0	66.0	65.0	66.0	68.0	69.0	70.0	70.0	64.0	70.0
3	73.0	72.0	71.0	69.0	68.0	71.0	71.0	73.0	72.0	71.0	72.0	72.0	71.0	67.0	64.0	67.0	68.0	67.0	64.0	64.0	69.0	67.0	66.0	64.0	69.0	73.0
4	64.0	63.0	63.0	62.0	61.0	61.0	59.0	61.0	60.0	64.0	64.0	64.0	64.0	66.0	61.0	60.0	61.0	62.0	68.0	64.0	69.0	69.0	67.0	63.0	63.0	69.0
5	59.0	61.0	61.0	62.0	64.0	60.0	61.0	62.0	64.0	69.0	70.0	71.0	70.0	71.0	69.0	68.0	70.0	71.0	71.0	69.0	66.0	70.0	70.0	71.0	67.0	71.0
6	69.0	69.0	69.0	67.0	67.0	65.0	65.0	67.0	67.0	69.0	70.0	69.0	72.0	73.0	70.0	71.0	70.0	71.0	73.0	73.0	69.0	68.0	68.0	68.0	69.0	73.0
7	66.0	64.0	64.0	65.0	64.0	66.0	67.0	66.0	65.0	67.0	68.0	69.0	68.0	69.0	69.0	69.0	68.0	70.0	68.0	68.0	68.0	69.0	66.0	68.0	67.0	70.0
8	73.0	71.0	70.0	66.0	64.0	61.0	58.0	57.0	59.0	61.0	60.0	61.0	61.0	62.0	64.0	61.0	64.0	68.0	70.0	70.0	68.0	70.0	68.0	67.0	65.0	73.0
9	64.0	64.0	66.0	64.0	66.0	67.0	67.0	70.0	72.0	72.0	72.0	75.0	72.0	81.0	84.0	77.0	80.0	80.0	75.0	73.0	72.0	70.0	69.0	67.0	72.0	84.0
10	66.0	66.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	66.0	65.0	68.0	70.0	65.0	65.0	67.0	64.0	64.0	62.0	60.0	63.0	62.0	59.0	59.0	64.0	70.0
11	60.0	59.0	59.0	57.0	57.0	57.0	56.0	57.0	58.0	59.0	63.0	65.0	63.0	63.0	59.0	61.0	63.0	61.0	65.0	66.0	62.0	63.0	64.0	64.0	61.0	66.0
12	64.0	63.0	64.0	64.0	62.0	62.0	62.0	60.0	61.0	64.0	66.0	71.0	66.0	66.0	65.0	66.0	65.0	64.0	65.0	70.0	71.0	72.0	72.0	70.0	66.0	72.0
13	69.0	68.0	69.0	69.0	71.0	72.0	71.0	71.0	71.0	70.0	71.0	72.0	67.0	70.0	75.0	78.0	78.0	75.0	75.0	77.0	77.0	73.0	69.0	70.0	72.0	78.0
14	69.0	69.0	68.0	68.0	67.0	66.0	67.0	69.0	70.0	72.0	73.0	75.0	75.0	73.0	73.0	72.0	72.0	72.0	71.0	75.0	73.0	76.0	75.0	77.0	72.0	77.0
15	80.0	78.0	77.0	77.0	76.0	76.0	77.0	77.0	78.0	77.0	76.0	72.0	72.0	64.0	63.0	66.0	64.0	67.0	65.0	62.0	65.0	62.0	62.0	59.0	71.0	80.0
16	60.0	64.0	66.0	65.0	65.0	65.0	61.0	60.0	58.0	61.0	59.0	61.0	67.0	66.0	64.0	69.0	72.0	72.0	69.0	71.0	70.0	70.0	67.0	65.0	65.0	72.0
17	62.0	61.0	60.0	59.0	58.0	57.0	53.0	51.0	49.0	52.0	48.0	45.0	51.0	65.0	63.0	61.0	61.0	62.0	62.0	61.0	61.0	62.0	63.0	62.0	58.0	65.0
18	61.0	63.0	62.0	62.0	60.0	60.0	59.0	59.0	59.0	61.0	63.0	64.0	66.0	66.0	67.0	68.0	69.0	71.0	72.0	72.0	76.0	77.0	75.0	75.0	66.0	77.0
19	72.0	70.0	71.0	73.0	71.0	69.0	71.0	69.0	69.0	66.0	67.0	68.0	69.0	70.0	72.0	72.0	72.0	72.0	71.0	73.0	75.0	71.0	71.0	72.0	71.0	75.0
20	69.0	67.0	67.0	67.0	68.0	68.0	68.0	68.0	67.0	69.0	65.0	67.0	68.0	70.0	81.0	77.0	69.0	75.0	76.0	82.0	76.0	76.0	77.0	70.0	71.0	82.0
21	70.0	71.0	71.0	71.0	71.0	71.0	69.0	70.0	71.0	69.0	72.0	72.0	76.0	77.0	78.0	72.0	81.0	80.0	84.0	80.0	78.0	80.0	78.0	78.0	75.0	84.0
22	80.0	78.0	77.0	77.0	77.0	76.0	77.0	75.0	76.0	73.0	73.0	77.0	78.0	77.0	77.0	77.0	78.0	77.0	77.0	76.0	76.0	73.0	72.0	72.0	76.0	80.0
23	71.0	69.0	68.0	69.0	69.0	69.0	68.0	70.0	66.0	67.0	69.0	68.0	67.0	71.0	71.0	71.0	70.0	72.0	72.0	71.0	70.0	68.0	67.0	69.0	69.0	72.0
24	69.0	67.0	67.0	68.0	69.0	68.0	68.0	68.0	66.0	66.0	70.0	71.0	76.0	76.0	78.0	78.0	81.0	76.0	76.0	72.0	69.0	71.0	70.0	71.0	71.0	81.0
25	69.0	69.0	69.0	70.0	69.0	70.0	69.0	68.0	67.0	66.0	65.0	64.0	66.0	69.0	73.0	71.0	68.0	67.0	69.0	69.0	67.0	67.0	67.0	67.0	68.0	73.0
26	66.0	67.0	66.0	67.0	67.0	67.0	65.0	66.0	67.0	71.0	68.0	65.0	65.0	64.0	63.0	62.0	62.0	63.0	67.0	67.0	67.0	68.0	67.0	67.0	66.0	71.0
27	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	73.0	77.0	76.0	77.0	75.0	71.0	71.0	70.0	72.0	72.0	70.0	67.0	69.0	70.0	70.0	77.0
28	73.0	71.0	72.0	73.0	71.0	70.0	71.0	70.0	69.0	68.0	68.0	69.0	72.0	73.0	77.0	77.0	75.0	77.0	73.0	69.0	67.0	67.0	68.0	66.0	71.0	77.0
29	64.0	65.0	64.0	67.0	70.0	70.0	73.0	75.0	73.0	73.0	73.0	72.0	71.0	65.0	65.0	67.0	66.0	75.0	76.0	66.0	66.0	66.0	67.0	75.0	69.0	76.0
30	73.0	78.0	81.0	78.0	80.0	78.0	77.0	73.0	66.0	64.0	54.0	56.0	58.0	58.0	59.0	59.0	66.0	66.0	60.0	59.0	60.0	61.0	61.0	61.0	66.0	81.0
31	59.0	57.0	57.0	56.0	56.0	59.0	56.0	57.0	58.0	58.0	59.0	60.0	60.0	59.0	59.0	62.0	64.0	64.0	65.0	69.0	67.0	67.0	64.0	63.0	61.0	69.0
AV	68.0	67.0	67.0	67.0	67.0	67.0	66.0	66.0	66.0	67.0	67.0	68.0	68.0	69.0	69.0	69.0	69.0	70.0	70.0	69.0	69.0	69.0	68.0	68.0	68.0	( )

RADIATION
(MICRO R/HR.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JUNE,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
12	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
13	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
14	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
15	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
16	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
17	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
18	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
19	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
20	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
21	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
22	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
23	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
24	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
25	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
26	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
27	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
28	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
29	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	25.0	25.0	24.0	24.5	24.5	24.0	24.5	24.5	24.0	24.0	26.0	24.5	26.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	25.0	25.0	24.0	24.5	24.5	24.0	24.5	24.5	24.0	24.0	26.0	24.5	[ ]

RADIATION
(MICRO R/HR.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	24.5	26.0	25.0	25.0	24.5	24.5	25.0	24.5	24.5	23.5	24.5	25.0	23.5	23.5	23.0	23.0	24.0	23.5	23.0	24.0	24.5	23.5	24.0	24.0	24.0	26.0
2	24.5	24.0	25.0	24.0	24.5	25.0	24.5	25.0	24.0	24.0	24.0	24.0	23.5	24.5	25.0	23.5	24.5	24.5	24.0	25.0	24.0	24.0	24.0	24.0	24.5	25.0
3	23.0	23.5	24.0	23.5	24.0	24.0	23.5	24.0	24.0	24.0	24.5	25.0	24.5	23.0	23.5	23.5	23.0	23.0	23.0	23.5	25.0	23.0	24.5	25.0	24.0	25.0
4	23.0	24.5	25.0	24.5	24.0	25.0	24.5	25.0	26.0	25.0	25.0	25.5	25.0	23.0	24.0	23.5	23.0	25.0	24.5	24.0	24.0	23.5	24.0	25.0	24.5	26.0
5	25.0	25.0	23.5	24.0	23.5	25.0	25.0	24.5	24.5	24.0	24.0	23.0	23.5	24.5	23.5	24.0	23.0	24.0	24.5	24.0	24.0	24.0	23.5	24.0	24.0	25.0
6	23.0	24.0	25.0	25.0	24.0	24.0	24.0	24.5	26.0	25.0	23.0	23.0	23.5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	24.0	26.0
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
12	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
13	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
14	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
15	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
16	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
17	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
18	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
19	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
20	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
21	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
22	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
23	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
24	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
25	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
26	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
27	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
28	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
29	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	24.0	24.5	24.5	24.5	24.0	24.5	24.5	24.5	25.0	24.5	24.0	24.5	24.0	23.5	24.0	23.5	23.5	24.0	24.0	24.0	24.5	23.5	24.0	24.5	24.0	[ ]

COEFFICIENT OF HAZE (6 HOUR AVE)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

MAY, 1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1				.000						.001						.000						.001			.001	.001
2				.001						.001						.000						.001			.001	.001
3				.001						.000						.000						.003			.001	.003
4				.001						.001						.001						.001			.001	.001
5				.001						.000						.000						.000			.000	.001
6				.000						.000						.000						.000			.000	.000
7				.000						.000						.000						.000			.000	.000
8				.000						.000						.000						.001			.000	.001
9				.000						.001						.000						.000			.000	.001
10				.001						.000						.000						.001			.001	.001
11				.001						.000						.000						.000			.000	.001
12				.000						.000						.000						.000			.000	.000
13				.000						.000						.000						.000			.000	.000
14				.001						.001						.000						.000			.001	.001
15				.000						.000						.000						.000			.000	.000
16				.001						.001						.001						.001			.001	.001
17				.000						.000						.000						.000			.000	.000
18				.000						.000						.000						[IM]			.000	.000
19				[IM]						[IM]						[IM]						[IM]				
20				[IM]						[IM]						[IM]						[IM]				
21				[IM]						[IM]						[IM]						[IM]				
22				[IM]						[IM]						.002						.000			.001	.002
23				.000						.001						.000						.000			.000	.001
24				.001						.000						.000						.000			.000	.001
25				.000						.000						.000						.000			.000	.000
26				.000						.000						.000						.000			.000	.000
27				.000						.000						.000						.000			.000	.000
28				.000						.000						.000						.000			.000	.000
29				[IM]						[IM]						.000						[IM]			.000	.000
30				[IM]						[IM]						[IM]						[IM]				
31				[IM]						[IM]						.002						.000			.001	.002
AV				.000						.000						.000						.000			.000	

```
          COEFFICIENT OF HAZE  [6 HOUR AVE]
                                                               WHITE RIVER SHALE PROJECT,UTAH      **********************
                                                                                                   *                    *
                                                               SITE A  2                           *  PRELIMINARY DATA  *
                                                                                                   *  AS OF 15 OCT 75   *
                                                               JUNE,1975                           *                    *
                                                                                                   **********************
                                                               AEROVIRONMENT INC.                  *                    *
                                                                                                   *     Subject To     *
                                                                                                   *      Revision      *
                                                                                                   *                    *
                                                                                                   **********************

                                          CLOCK HOUR  [LOCAL STANDARD TIME]
  D                                                                                                                          P
  A                                                                                                                          E
  T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
  E                                                                                                                          K

  1 [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
  2 [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
  3 [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].001 .001
  4 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
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  9 [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
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 12 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
 13 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
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 15 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
 16 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
 17 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
 18 [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
 19 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
 20 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
 21 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
 22 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
 23 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ].000 .000
 24 [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
 25 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
 26 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
 27 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
 28 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
 29 [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
 30 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
 31 [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][  ] [  ]

 AV [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 [  ]
```

```
COEFFICIENT OF HAZE  (6 HOUR AVE)                                    WHITE RIVER SHALE PROJECT,UTAH       *********************
                                                                                                          *                   *
                                                                     SITE A  2                            *  PRELIMINARY DATA *
                                                                                                          *  AS OF 16 OCT 75  *
                                                                     JULY,1975                            *                   *
                                                                                                          *********************
                                                                     AEROVIRONMENT INC.                   *                   *
                                                                                                          *    Subject To     *
                                                                                                          *     Revision      *
                                                                                                          *                   *
                                                                                                          *********************

                                        CLOCK HOUR  (LOCAL STANDARD TIME)
 D                                                                                                                          P
 A                                                                                                                          E
 T   00   01   02   03    04   05   06   07   08   09    10   11   12   13   14   15    16   17   18   19   20   21    22   23 AVE   A
 E                                                                                                                          K

 1 [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
 2 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
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 5 [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ].001 .001
 6 [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ][  ] [  ]
 7 [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ][  ] [  ]
 8 [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ][  ] [  ]
 9 [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].001 .001
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11 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .001 [  ] [  ].000 .001
12 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
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15 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ].000 .000
16 [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
17 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
18 [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
19 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
20 [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
21 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
22 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
23 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
24 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] [IM] [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
25 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
26 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
27 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
28 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
29 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000
30 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .001 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .001
31 [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ] [  ] [  ] [  ] .000 [  ] [  ].000 .000

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TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
2	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
3	5	5	5	5	5	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	10
5	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	10	5	5	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	10	10	10	10
8	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
9	5	10	5	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
10	5	10	10	10	5	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	10	10	5	10	5	5	5	5	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	5	10
13	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	5
19	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
20	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5
27	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	5
28	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	w5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 (	)

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	(MT)	(MT)	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
13	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5	5
15	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	5
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5
26	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	5	(CA)	10	5	5	5	5	5	5	5	5	5	5	5	10
10	5	5	5	5	5	5	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	(PF)	(PF)	(PF)	(PF)	5	5	10	5	5	5	5	5	5	5	10	10
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	10	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	10
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	10	10	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	10
18	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	5	10
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
22	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	10
23	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
24	5	5	10	5	10	10	10	10	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	10
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	10
27	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	5	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	10	10
31	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	10	10	10	10
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	10
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	10	10	10	10	5	10
12	10	10	10	5	5	5	5	5	10	10	10	10	10	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	10	10
13	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	5
19	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
20	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	5
28	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	5	5	0	0	0	0	0	0	0	0	0	0	0	5
29	0	0	5	5	5	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
30	5	5	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	( )

k HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1975

AEROVIRONMENT INC.

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*********************
*                   *
* PRELIMINARY DATA  *
* AS OF 15 OCT 75   *
*                   *
*********************
*                   *
*    Subject To     *
*     Revision      *
*                   *
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```

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5
4	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
11	0	0	5	5	5	0	5	0	0	0	5	(MT)	(MT)	0	0	0	0	0	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	0	5	5
16	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	5	0	5	5	5	5	0	5
17	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5
19	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	5
20	5	0	5	0	0	5	5	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	0	0	5	5
22	0	0	5	5	5	5	0	0	0	0	0	5	0	0	0	0	5	5	0	0	5	5	5	0	0	5
23	5	5	0	0	5	0	0	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	0	5	0	5	5	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5
25	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	5	5	5	0	5	0	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	0	0	0	0	0	0	0	5	5	5
29	5	5	5	5	5	5	0	5	5	0	0	5	5	5	5	5	0	0	0	0	0	0	0	0	5	5
30	0	0	0	0	0	5	0	0	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	5	5	5	5	5	5	5	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	5	0	0	( )

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	5
8	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
9	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	(CA)	5	5	5	5	5	5	5	5	5	5	5	5	5
10	0	5	5	5	5	5	(PF)	(PF)	(PF)	(PF)	(PF)	(FO)	(FO)	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	(PF)	(PF)	(PF)	(FO)	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	( )

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	15	15	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	15
2	5	10	15	15	15	15	15	10	15	10	5	5	0	5	5	5	5	5	5	5	5	5	5	5	10	15
3	5	5	15	15	15	15	15	15	10	5	5	5	5	5	5	5	0	0	5	5	5	0	5	5	5	15
4	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	0	0	5	5	5	20	45	5	45
5	15	15	15	15	15	15	15	15	15	15	15	5	5	5	10	15	15	15	15	15	15	15	15	15	15	15
6	15	15	15	15	15	15	15	15	15	15	15	5	5	5	5	5	5	5	5	5	30	20	15	15	10	30
7	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	10	10
8	5	5	15	10	10	10	10	10	10	5	5	5	0	0	5	5	5	5	5	5	5	5	5	5	5	15
9	5	5	10	15	10	10	10	10	5	5	5	0	10	0	5	0	5	5	0	5	0	0	5	5	5	15
10	5	5	5	5	5	15	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	15
11	0	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	5	5	0	5	5	0	5	5
12	5	5	5	5	5	5	5	5	5	5	0	0	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
13	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
19	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	( )	( )
20	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	5
21	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5	0	5
23	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
26	5	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	10	5	5	5	0	0	0	0	0	0	0	0	0	0	10
29	5	5	5	5	5	5	5	5	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
30	5	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
31	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
AV	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	5	5	5	5	5	5 (	)

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

JUNE, 1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	5	5	5	5
4	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
11	0	0	5	5	5	5	0	5	0	0	0	(MT)	(MT)	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	5	5	0	5	5
16	0	0	0	0	0	0	0	0	0	5	0	0	0	5	5	5	0	0	5	0	5	5	5	5	0	5
17	5	5	5	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5
19	5	5	5	5	5	5	5	5	0	5	5	5	0	0	0	0	5	5	0	0	5	0	0	0	5	5
20	0	0	5	0	0	0	5	5	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	0	5	5	0	0	0	5	5
22	5	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	0	0	0	5	5	0	5	0	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	*5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	0	0	0	0	0	0	0	0	0	5	5
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
30	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	5	5	5	0	0	0	0	0	5
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	5	5	5	5	5	5	5	5	5	5	0	5	0	5	5	0	5	5	0	0	5	0	5	5	5	( )

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5
8	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
9	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	[CA]	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	[PF]	[PF]	[PF]	[PF]	[PF]	[FO]	[FO]	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	[PF]	[PF]	[PF]	[FO]	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	10	5	5	5	5	5	5	5	5	5	10
30	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	10
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
6	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
AV	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )

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          TOTAL HYDROCARBONS
          (MICROGRAMS/CU. METER)
                                                             WHITE RIVER SHALE PROJECT,UTAH      *********************
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                                                             SITE A  3                           *  PRELIMINARY DATA *
                                                                                                 *  AS OF 15 OCT 75  *
                                                             JUNE,1975                           *                   *
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                                                             AEROVIRONMENT INC.                  *                   *
                                                                                                 *     Subject To    *
                                                                                                 *      Revision     *
                                                                                                 *                   *
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                                       CLOCK HOUR  (LOCAL STANDARD TIME)
    D                                                                                                                 P
    A                                                                                                                 E
    T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
    E                                                                                                                 K

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   20 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (CA) (CA) 2620 2620 2620 2620 2620 2620 2620 2620 2620 2620 2620 2620 2620 (FO)2620 2620
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   AV 2730 2730 2730 2730 2730 2730 2730 2730 2730 2730 2700 2700 2700 2620 2750 2730 2730 2730 2730 2690 2690 2690 2690 27002730 (   )
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TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1975

AEROVIRONMENT INC.

****
*   PRELIMINARY DATA   *
*   AS OF 02 OCT 75   *
****
*   Subject To   *
*   Revision   *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1310	1380	1380	1310	1110	1310	1050	980.	1050	1050	1240	1050	920.	920.	1050	1050	1140	1380
3	1050	1050	920.	980.	1110	980.	980.	980.	1110	1110	1050	1050	1050	920.	920.	1110	1310	1240	1050	1110	1440	1050	1050	1110	1070	1440
4	1050	1050	980.	1050	980.	980.	980.	1050	1050	1050	980.	920.	1110	920.	1110	1240	980.	1050	920.	920.	980.	920.	1050	1050	1020	1240
5	920.	1240	1510	1050	980.	980.	1050	1110	920.	1050	980.	1180	1110	1110	1110	1240	1440	1310	1180	1240	1440	1180	1240	980.	1150	1510
6	1050	1240	1050	1050	1110	1110	980.	980.	920.	1050	1050	1050	980.	1180	1110	1050	1180	1380	1700	1640	1180	1110	920.	1050	1130	1700
7	1050	980.	1310	1180	1180	1050	1050	980.	1110	1180	1110	1180	1240	1440	1960	1830	1900	1960	1700	1830	1960	2690	2160	2360	1520	2690
8	2030	2160	2290	2360	2230	2550	3540	1830	2230	2420	2100	2100	1770	2030	1960	1960	1900	1960	1960	1700	2100	1960	1900	2290	2140	3540
9	2550	2690	2620	2750	3140	2950	4260	1770	1510	1960	1830	1240	[CA]	1180	1240	1050	1050	980.	980.	1380	1110	980.	1770	1510	1850	4260
10	1510	1240	1050	980.	920.	920.	[PF]	[PF]	[PF]	[PF]	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1100	1510
11	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[PF]	[PF]	[PF]	[FO]	1240	1380	1180	1240	1050	1110	1900	1830	1440	1830	1420	1900
12	2100	2360	1240	1380	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1440	1380	1050	1110	1180	1180	1050	1240	1180	1050	1050	980.	1310	2360
13	1050	980.	920.	980.	980.	1050	980.	1110	1110	1240	980.	1050	1050	980.	1050	1110	1180	980.	1110	980.	1050	1110	980.	1110	1050	1240
14	1050	1180	1050	1050	1050	1240	1110	980.	1050	1050	980.	980.	1310	1050	1180	1180	1110	980.	920.	980.	920.	920.	1050	920.	1050	1310
15	1110	980.	920.	920.	920.	980.	1050	920.	980.	980.	1050	1240	1050	1050	1050	1180	1440	1110	1050	1180	1050	1110	1110	1180	1070	1440
16	980.	1440	1110	1050	1440	1240	1110	1110	1110	1050	1050	1050	1050	920.	920.	1110	1440	1180	1050	980.	980.	920.	920.	920.	1090	1440
17	1050	1050	1050	1110	980.	980.	1050	1050	980.	1050	1050	1050	1110	1110	1110	1050	1180	920.	920.	980.	1050	980.	1110	980.	1040	1180
18	980.	980.	980.	980.	1110	1050	1110	1380	1050	1180	1110	980.	1050	1050	1050	1050	980.	920.	920.	920.	1110	1110	1110	980.	1050	1380
19	1110	1440	1110	1050	1110	1310	1240	850.	1050	1110	980.	1050	1110	1110	1180	1240	980.	1180	1440	1050	1440	1960	1310	980.	1180	1960
20	1050	1110	1180	1110	1050	1240	1050	980.	1050	1050	980.	1110	1180	1240	1180	1110	1180	1110	1110	1570	1440	920.	1440	2230	1190	2230
21	1180	1050	1050	980.	1180	1050	1050	1240	1510	1180	1240	1240	1180	1050	1050	1110	1050	1180	1240	1050	1050	980.	1180	1240	1140	1510
22	1240	1380	1240	1050	1050	980.	920.	1050	1110	1110	1050	1110	980.	1050	1180	1110	1570	1960	2030	2230	2230	2230	1440	1180	1350	2230
23	1050	1180	1050	1240	1440	1180	1110	1110	1110	1180	1700	1240	1310	1180	1380	1570	1770	1570	1310	1830	1700	1570	1770	1770	1390	1830
24	1240	1050	1050	1310	1380	1510	1110	980.	1110	1180	1240	1440	1180	1050	1180	1240	1310	1900	2360	2100	1830	1570	1960	1510	1410	2360
25	1310	1380	1380	1570	1050	1310	1180	1110	1180	1050	1110	1050	1240	1110	1110	1510	1700	1900	2230	2360	2230	1570	1110	1180	1410	2360
26	1110	980.	1380	1110	1050	1180	1240	980.	1050	1110	1050	1380	1640	1640	1770	1770	1640	1900	1640	1050	1310	1240	1050	1050	1310	1900
27	980.	1110	1240	1180	1180	1110	1110	1110	1180	1380	2030	1110	1050	980.	1180	1240	1240	1180	1180	1050	980.	1110	1050	1110	1170	2030
28	920.	980.	980.	980.	1050	1180	1050	1110	980.	1110	1110	1050	1180	1240	1310	920.	1050	1110	1180	1240	1180	980.	980.	980.	1080	1310
29	1050	920.	790.	980.	980.	920.	1050	1180	1050	980.	980.	920.	980.	920.	980.	920.	920.	920.	1050	980.	980.	980.	1050	1240	1050	1110	1000	1240
30	980.	920.	920.	980.	980.	1050	1110	850.	920.	1050	1110	980.	1050	920.	980.	980.	980.	790.	790.	980.	980.	1050	920.	1050	970.	1110
31	980.	850.	850.	1050	980.	980.	980.	850.	1240	1640	1180	1180	1110	1050	1900	2550	2880	2490	2360	2550	1380	1510	3670	2690	1620	3670
AV	1200	1250	1190	1190	1210	1220	1290	1100	1150	1220	1200	1160	1170	1150	1220	1270	1340	1330	1330	1350	1350	1300	1340	1320	1250	[ ]

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
6	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
AV	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )

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        METHANE
        (MICROGRAMS/CU. METER)
                                                          WHITE RIVER SHALE PROJECT,UTAH     *********************
                                                                                             *                   *
                                                          SITE A  3                          * PRELIMINARY DATA  *
                                                                                             * AS OF 15 OCT 75   *
                                                          JUNE,1975                          *                   *
                                                                                             *********************
                                                          AEROVIRONMENT INC.                 *                   *
                                                                                             *    Subject To     *
                                                                                             *     Revision      *
                                                                                             *                   *
                                                                                             *********************

                                      CLOCK HOUR  (LOCAL STANDARD TIME)
 D                                                                                                                  P
 A                                                                                                                  E
 T  00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE  A
 E                                                                                                                  K

  1 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
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 19 980. 980. 980. 980. 980. 980. 980. 980. 980. 980. 980. 980. 980. 980. 980. 980. 980. 980. 980. 980. 980. 980. 980. 980.980. 980.
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 21 (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) 900. 900. 900. 900. (IM) (IM) (IM) (IM) (IM)900. 900.
 22 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 23 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 24 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 25 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 26 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 27 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 28 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 29 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 30 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 31 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )

 AV 980. 980. 980. 980. 980. 980. 980. 980. 980. 980. 950. 950. 950. 950. 960. 950. 950. 950. 950. 960. 960. 960. 960. 980.950. (   )
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METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1050	920.	920.	980.	920.	980.	920.	920.	980.	980.	920.	980.	920.	920.	920.	920.	950.	1050
3	850.	1050	920.	980.	920.	980.	920.	920.	920.	920.	980.	980.	920.	980.	920.	920.	980.	980.	920.	980.	920.	980.	920.	920.	940.	1050
4	920.	920.	920.	920.	980.	920.	980.	980.	980.	980.	980.	980.	980.	920.	920.	920.	980.	920.	980.	980.	980.	980.	980.	980.	960.	980.
5	920.	980.	980.	980.	920.	920.	920.	980.	980.	980.	920.	980.	980.	980.	920.	980.	980.	920.	920.	920.	920.	920.	920.	920.	950.	980.
6	980.	920.	980.	980.	920.	920.	980.	980.	920.	980.	920.	980.	920.	980.	920.	980.	980.	1050	980.	980.	980.	920.	920.	920.	960.	1050
7	920.	920.	980.	920.	920.	920.	980.	980.	980.	920.	980.	920.	980.	920.	980.	980.	920.	920.	980.	980.	980.	980.	980.	980.	960.	980.
8	920.	920.	980.	920.	980.	980.	1110	980.	980.	980.	980.	980.	920.	980.	920.	980.	920.	850.	920.	920.	920.	920.	920.	920.	950.	1110
9	980.	980.	980.	980.	980.	980.	980.	920.	850.	920.	920.	980.	[CA]	1050	980.	980.	980.	920.	920.	920.	980.	920.	920.	980.	960.	1050
10	980.	920.	920.	920.	920.	980.	[PF]	[PF]	[PF]	[PF]	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	940.	980.
11	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[PF]	[PF]	[PF]	[FO]	1050	980.	1050	1050	1050	1050	980.	1050	1110	1050	1040	1110
12	1110	1110	1050	1050	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1050	1050	1050	1050	1050	980.	1050	980.	980.	1050	980.	980.	1040	1110
13	1050	980.	1050	980.	980.	980.	980.	980.	1050	980.	1050	1050	980.	980.	980.	980.	980.	980.	1050	980.	980.	980.	1050	980.	1000	1050
14	1050	980.	980.	920.	980.	1050	980.	980.	1050	980.	980.	1050	980.	1050	980.	980.	980.	980.	980.	920.	920.	980.	980.	980.	990.	1050
15	980.	980.	980.	1050	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	1050
16	980.	980.	920.	980.	980.	1050	1050	980.	1110	1050	980.	1050	980.	980.	980.	1050	980.	980.	980.	1050	980.	920.	980.	1050	1000	1110
17	980.	980.	980.	980.	980.	980.	1050	920.	920.	920.	980.	980.	980.	980.	980.	980.	980.	980.	920.	920.	980.	980.	980.	980.	970.	1050
18	980.	980.	980.	980.	920.	980.	1050	980.	1050	1050	980.	1050	1050	980.	980.	980.	980.	980.	980.	920.	980.	980.	920.	920.	980.	1050
19	980.	980.	920.	980.	980.	980.	980.	980.	980.	980.	980.	980.	1050	980.	980.	980.	980.	980.	920.	980.	980.	980.	920.	980.	980.	1050
20	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	1050	1050	1050	1050	1050	1050	980.	980.	980.	1000	1050
21	1050	980.	920.	980.	980.	980.	980.	1050	1050	1050	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	980.	990.	1050
22	980.	980.	980.	980.	920.	980.	980.	920.	980.	980.	1050	980.	980.	980.	980.	980.	980.	980.	1050	920.	980.	980.	980.	980.	980.	1050
23	980.	980.	920.	980.	980.	980.	980.	980.	980.	980.	1050	1050	1050	1050	1050	1050	980.	980.	1050	1050	980.	1050	1050	1050	1010	1050
24	1050	980.	980.	980.	980.	980.	1050	980.	1050	980.	980.	1050	980.	980.	980.	980.	1050	1050	980.	980.	1050	980.	1180	1180	1020	1180
25	1180	1110	1050	1050	980.	980.	1050	980.	1050	980.	980.	980.	1050	1050	980.	980.	1050	980.	980.	980.	980.	980.	980.	1050	1020	1180
26	980.	980.	980.	1050	980.	980.	980.	980.	980.	980.	1050	980.	980.	980.	980.	1050	1050	980.	1050	980.	980.	980.	980.	980.	990.	1050
27	980.	980.	980.	1050	980.	980.	980.	980.	980.	1050	1050	1050	980.	980.	1050	980.	980.	980.	980.	980.	1050	980.	980.	920.	990.	1050
28	980.	920.	980.	980.	980.	980.	980.	980.	980.	980.	1050	1050	980.	980.	1050	920.	920.	980.	980.	980.	980.	920.	920.	920.	970.	1050
29	980.	920.	920.	920.	980.	980.	980.	980.	920.	980.	980.	980.	980.	920.	920.	920.	920.	980.	980.	920.	920.	920.	920.	,00	910.	980.
30	920.	920.	920.	980.	980.	980.	920.	920.	920.	980.	1110	980.	920.	920.	920.	920.	980.	920.	980.	920.	920.	980.	1050	920.	950.	1110
31	980.	980.	920.	980.	980.	1050	980.	980.	980.	980.	1110	920.	980.	980.	980.	980.	980.	920.	980.	980.	920.	920.	920.	920.	970.	1110
AV	990.	970.	970.	980.	960.	980.	990.	970.	990.	980.	1000	1000	980.	980.	980.	980.	980.	990.	970.	980.	970.	970.	970.	980.	940. 980.	[ ]

HYDROCARBONS (METHANE REDUCED)
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
6	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
AV	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )

HYDROCARBONS (METHANE REDUCED)
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
6	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	(CA)	(CA)	2290	2290	2290	2290	2290	1960	1960	1960	1960	1960	2130	2290
17	1960	1960	1960	1960	1960	1960	1960	1960	1960	(IM)	(IM)	(IM)	(IM)	(IM)	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1790	1960
18	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640
19	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	(CA)	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	(FO)	1720	1720
21	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	1720	1720	1720	1720	(IM)	(IM)	(IM)	(IM)	(IM)	1720	1720
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
AV	1750	1750	1750	1750	1750	1750	1750	1750	1750	1640	1670	1670	1670	1670	1790	1780	1780	1780	1780	1720	1720	1720	1720	1720	1770	( )

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          HYDROCARBONS (METHANE REDUCED)
          (MICROGRAMS/CU. METER)
                                                                      WHITE RIVER SHALE PROJECT,UTAH         *********************
                                                                                                             *                   *
                                                                      SITE A  3                              *  PRELIMINARY DATA *
                                                                                                             *  AS OF 02 OCT 75  *
                                                                      JULY,1975                              *                   *
                                                                                                             *********************
                                                                      AEROVIRONMENT INC.                     *                   *
                                                                                                             *     Subject To    *
                                                                                                             *      Revision     *
                                                                                                             *                   *
                                                                                                             *********************

                                                   CLOCK HOUR  (LOCAL STANDARD TIME)
 D                                                                                                                          P
 A                                                                                                                          E
 T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
 E                                                                                                                          K

 1 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
 2 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) 260. 460. 460. 330. 200. 330. 130. 70.0 70.0 130. 260. 70.0  .00  .00 130. 130.190. 460.
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 6 70.0 260. 70.0 70.0 130. 200.  .00  .00  .00 70.0 130. 70.0 70.0 200. 200. 70.0 200. 330. 720. 720. 260. 200.  .00 70.0170. 720.
 7 70.0 130. 330. 330. 260. 200. 70.0  .00 200. 330. 200. 260. 330. 520. 980. 790. 980. 1050 790. 850. 980. 1770 1180 1380580. 1770
 8 1110 1180 1310 1380 1240 1570 2420 850. 1310 1440 1110 1110 850. 1050 980. 1050 980. 1110 1050 790. 1180 1050 1050 13801190 2420
 9 1570 1700 1640 1830 2100 1960 3280 920. 660. 1050 920. 330. (CA) 130. 330. 70.0 70.0 70.0  .00 460. 130. 70.0 850. 520.900. 3280
10 520. 330. 70.0 70.0  .00  .00 (PF) (PF) (PF) (PF) (PF) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO)170. 520.
11 (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (FO) (PF) (PF) (PF) (FO) 200. 390. 130. 200.  .00 70.0 920. 790. 330. 790.380. 920.
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21 130. 70.0 130.  .00 200. 70.0 70.0 200. 460. 200. 260. 260. 200. 70.0 70.0 130. 70.0 130. 260. 70.0 130. 70.0 200. 260.150. 460.
22 260. 390. 200. 70.0 70.0  .00  .00 130. 70.0 70.0  .00 130.  .00 70.0 200. 130. 590. 980. 980. 1240 1240 1240 460. 200.360. 1240
23 70.0 200. 130. 260. 460. 130. 200. 130. 130. 130. 660. 200. 200. 130. 330. 520. 790. 590. 260. 790. 660. 520. 720. 660.370. 790.
24 200. 70.0 70.0 330. 390. 520. 70.0  .00 70.0 130. 260. 390. 200. 70.0 130. 260. 330. 850. 1380 1110 790. 590. 790. 330.390. 1380
25 130. 260. 330. 520. 70.0 330. 130. 130. 130. 70.0 130. 70.0 200. 70.0 130. 520. 660. 920. 1240 1380 1180 590. 200. 130.400. 1380
26 130.  .00 390. 130. 70.0 130. 260.  .00  .00 70.0 70.0 390. 660. 660. 720. 720. 590. 980. 590. 70.0 330. 330.  .00 70.0310. 980.
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AV 230. 280. 230. 230. 240. 250. 300. 140. 160. 240. 210. 170. 190. 170. 250. 290. 360. 380. 360. 390. 380. 350. 380. 380.280. (   )
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CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
6	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
AV	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	[CA]	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
17	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
18	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
19	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	[FO]	.6	.6
21	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	.6	.6	.6	.6	[IM]	[IM]	[IM]	[IM]	[IM]	.6	.6
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.2	.6	.2	.1	.3	.3	.2	.2	.5	.2	.2	.2	.3	.3	.2	.2	.3	.6
3	.2	.0	.1	.1	.1	.2	.1	.3	.1	.2	.3	.3	.2	.2	.2	.2	.2	.3	.3	.2	.2	.1	.3	.2	.2	.3
4	.3	.2	.2	.2	.3	.1	.2	.0	.2	.1	.1	.3	.2	.2	.3	.2	.2	.1	.2	.3	.1	.1	.2	.3	.2	.3
5	.1	.3	.2	.1	.1	.1	.1	.3	.3	.1	.1	.3	.2	.1	.2	.2	.1	.2	.1	.3	.3	.3	.1	.2	.2	.3
6	.1	.0	.1	.2	.2	.2	.3	.2	.1	.3	.5	.2	.3	.1	.1	.3	.6	.2	.2	.1	.1	.3	.2	.2	.2	.6
7	.3	.2	.2	.2	.3	.2	.2	.2	.1	.1	.2	.2	.1	[PF]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	.2	.3
8	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[ ]	[ ]
9	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	.5	[CA]	.2	.2	.3	.1	.3	.2	.1	.2	.1	.2	.3	.2	.5
10	.1	.1	.2	.2	.2	.1	[PF]	[PF]	[PF]	[PF]	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	.2	.2
11	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[PF]	[PF]	[PF]	[FO]	.2	.3	.8	.5	.3	.3	.3	.3	.5	.1	.4	.8
12	.2	.3	.1	.3	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	.6	.3	.2	.3	.2	.3	.3	.3	.2	.3	.3	.2	.3	.6
13	.2	.1	.5	.2	.2	.2	.2	.2	.2	.1	.2	.3	.2	.1	.3	.2	.3	.1	.3	.1	.1	.3	.1	.2	.2	.5
14	.2	.2	.5	.5	.3	.3	1.4	.1	.2	.2	.3	.2	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.3	.1	.3	1.4
15	.1	.2	.2	.2	.1	.2	.2	.1	.5	.3	.1	.5	.2	.2	.2	.2	.2	.0	.2	.2	.3	.3	.2	.1	.2	.5
16	.1	.2	.2	.1	.1	.1	.1	.2	.2	.1	.1	.3	.1	.1	.1	.1	.2	.3	.1	.1	.1	.2	.1	.2	.1	.3
17	.2	.1	.2	.2	.1	.1	.2	.1	.2	.2	.2	.1	.2	.1	.3	.1	.2	.1	.1	.2	.2	.2	.3	.1	.2	.3
18	.2	.1	.0	.2	.2	.2	.1	.1	.2	.2	.1	.1	.2	.1	.1	.1	.2	.3	.1	.3	.6	.3	.1	.2	.2	.6
19	.2	.2	.1	.1	.2	.1	.1	.1	.2	.1	.1	.3	.3	.2	.1	.1	.1	.1	.2	.2	.1	.1	.1	.2	.1	.3
20	.1	.2	.0	.2	.1	.1	.3	.2	.2	.1	.3	.3	.3	.2	.3	.2	.3	.2	.2	.1	.1	.3	.3	.2	.2	.3
21	.1	.0	.1	.3	.3	.3	.2	.3	.1	.1	.2	.1	.1	.2	.1	.2	.2	.3	.3	.1	.1	.1	.1	.2	.2	.3
22	.2	.1	.3	.2	.2	.2	.2	.1	.2	.3	.2	.2	.1	.2	.1	.2	.2	.3	.1	.1	.3	.2	.1	.2	.2	.3
23	.1	.1	.2	.2	.2	.0	.1	.1	.1	.3	.2	.1	.2	.2	.1	.2	.2	.2	.2	.1	.2	.3	.2	.1	.2	.3
24	.2	.1	.2	.2	.2	.1	.3	.2	.1	.1	.1	.1	.1	.3	.3	.1	.1	.1	.3	.2	.2	.1	.3	.2	.2	.3
25	.2	.2	.3	.2	.2	.1	.1	.5	.3	.1	.2	.1	.3	.1	.0	.2	.5	.2	.1	.2	.3	.1	.2	.1	.2	.5
26	.1	.1	.2	.2	.1	.2	.2	.2	.1	.2	.2	.2	.3	.2	.1	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.3
27	.1	.1	.3	.2	.2	.2	.1	.2	.1	.2	.3	.1	.2	.2	.2	.2	.2	.3	.1	.3	.3	.1	.2	.1	.2	.3
28	.2	.1	.2	.2	.2	.3	.2	.1	.1	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
29	.2	.3	.3	.3	.3	.2	.2	.3	.3	.3	.5	.3	.3	.3	.3	.3	.3	.2	.2	.3	.3	.2	.5	.5	.3	.5
30	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.5	.3	.3	.3	.3	.3	.1	.2	.1	.1	.2	.0	.0	.2	.2	.5
31	.2	.1	.2	.1	.1	.2	.1	.2	.3	.2	.1	.1	.2	.2	.1	.3	.0	.3	.1	.3	.1	.2	.2	.3	.2	.3
AV	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	[ ]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	10	10	10	10	[IM]	[IM]	[IM]	[IM]	[IM]	20	20
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	20	20	20	20	20	20	20	20	20	20	20	20	20	20
10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
11	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
12	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
13	20	20	20	20	20	20	20	20	10	10	10	[CA]	[CA]	[CA]	0	10	10	10	10	10	10	10	10	10	10	20
14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	20
20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
27	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	10	10
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	40	[CA]	20	20	20	20	10	10	10	10	10	10	10	20	40
29	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31	30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	30
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[ ]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10	10	(CA)	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20
12	10	10	10	10	10	10	10	10	10	10	10	(CA)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	10	10
19	0	0	0	0	10	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25	10	10	10	10	10	10	10	10	0	0	0	0	10	10	0	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
27	10	10	10	10	10	10	10	10	10	10	10	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	10
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	0	0	0	0	0	0	0	0	0	10
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	( )

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	(MT)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	10	20	40	40	30	40	40	50	50	60	60	60	30	60
8	50	60	60	60	50	80	120	40	60	60	50	60	40	50	50	30	50	40	50	40	50	50	50	70	60	120
9	70	70	80	80	110	80	130	30	20	50	30	10	(CA)	10	10	10	10	10	10	10	10	10	10	10	40	130
10	30	10	10	10	10	10	(PF)	(PF)	(PF)	(PF)	(PF)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	30
11	10	10	10	10	10	10	10	10	10	10	(PF)	(PF)	(PF)	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18	10	10	10	10	10	10	10	10	10	10	10	10	(CA)	10	10	10	10	10	10	10	10	10	10	10	10	10
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10
20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10	0	10	0	0	10	10	0	10	10
22	10	0	0	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	10
23	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	10	10
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	10
27	0	0	0	0	0	0	0	10	10	(CA)	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	10
28	0	0	0	0	0	0	0	0	0	10	0	0	10	10	0	10	10	10	10	0	10	10	10	10	0	10
29	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	0	10	10	10	10	10	10	10	10
AV	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	( )

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR {LOCAL STANDARD TIME}

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	{IM}	{IM}	{IM}	{IM}	0	10
2	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{ }	{ }
3	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{ }	{ }
4	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{ }	{ }
5	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{ }	{ }
6	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{ }	{ }
7	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{ }	{ }
8	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{ }	{ }
9	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	{IM}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	{CA}	{CA}	{CA}	0	0	10	10	0	0	0	10	10	10	0	10
14	10	0	0	0	10	0	0	10	10	10	0	10	10	0	10	10	10	0	10	0	10	0	0	0	10	10
15	10	0	0	0	0	0	0	10	0	0	0	10	10	10	0	10	0	0	0	0	10	0	0	0	0	10
16	0	0	0	0	0	0	0	10	10	10	10	10	10	0	0	10	10	10	10	10	10	10	10	10	10	10
17	10	10	0	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10
18	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	0	10	0	10	10	10	10
20	0	0	10	10	10	0	0	0	0	10	10	10	0	0	10	10	10	0	10	10	10	10	0	0	10	10
21	0	10	0	0	10	0	0	0	0	0	10	10	10	10	0	10	10	0	0	0	0	0	0	10	0	10
22	0	0	0	0	0	0	0	0	10	0	10	0	0	10	10	10	10	10	10	0	10	0	0	0	0	10
23	0	0	10	0	0	0	10	0	10	10	10	10	0	10	10	10	0	0	0	10	10	10	0	0	10	10
24	0	0	0	10	10	10	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10	10
25	10	10	10	10	10	10	10	0	0	10	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10
26	10	10	0	0	0	0	10	0	0	0	0	10	10	0	10	0	10	0	0	0	0	0	0	0	0	10
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	{PF}	{PF}	{PF}	{PF}	{PF}	{PF}	0	10
28	{PF}	{PF}	{PF}	{PF}	{PF}	{PF}	{PF}	{PF}	{PF}	{PF}	{PF}	{IM}	{CA}	10	10	10	10	10	10	10	10	0	0	0	10	10
29	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	0	0	0	0	0	10	0	0	0	0	10
30	0	0	0	0	0	0	0	0	10	10	0	10	10	10	10	0	10	0	0	10	0	0	0	10	0	10
31	10	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
AV	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	0	0	0	10	0	0	0	0	{ }

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0
4	r0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	r0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	[MT]	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	10	20
8	20	20	20	20	20	40	60	20	20	20	20	20	10	20	20	10	20	20	20	20	20	20	20	30	20	60
9	30	30	40	40	50	40	70	10	10	20	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	20	70
10	10	10	10	10	10	10	[PF]	[PF]	[PF]	[PF]	[PF]	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	[PF]	[PF]	[PF]	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	0	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	10	10	10	0	10	10	10
18	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10	10
23	0	0	10	10	10	0	10	0	10	10	10	10	10	10	0	0	10	10	10	10	10	0	0	0	10	10
24	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
27	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	10	10	10	10	10	0	0	10	0	0	10
28	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	0	10	0	10	0	0	10
29	10	10	10	10	10	10	10	10	0	10	0	0	10	10	10	10	0	10	10	10	10	10	10	10	10	10
30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	0	0	0	0	0	10	0	10	10
31	0	0	0	10	0	10	0	10	10	0	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[ ]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	20	20	20	20	20	10	10	10	10	20	10	10	20	10	10	10	10	0	[IM]	[IM]	[IM]	[IM]	[IM]	10	20
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	20	20	20	20	20	20	10	20	20	20	20	20	20	20
10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20
11	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20
12	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20	20	20	20	20	20	20	20	20	20
13	20	20	20	20	20	20	20	20	10	10	10	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	10	20
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[IM]	[CA]	10	10	10	10	0	0	0	0	0	0	0	0	10
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
AV	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH
SITE A 3
JUNE,1975
AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10	10	{CA}	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	10	10	10	10	10	10	10	10	10	10	10	10	10	{CA}	10	10	10	10	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20
12	10	10	10	10	10	10	10	10	10	10	10	{CA}	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	10	10
19	0	0	0	0	10	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25	10	10	10	10	10	10	10	10	0	0	0	0	10	10	0	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
27	10	10	10	10	10	10	10	10	10	10	10	0	{CA}	0	0	0	0	0	0	0	0	0	0	0	0	10
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	0	0	0	0	0	0	0	0	0	10
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	( )

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

JULY, 1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	[MT]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	20	20	20	20	30	30	30	30	10	30
8	20	20	30	30	20	20	30	20	20	30	20	30	20	30	20	10	20	20	30	20	20	30	20	20	20	30
9	20	20	20	20	30	30	30	10	10	20	20	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	10	30
10	10	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	70	70	70	60	70	60	60	70	80	90	100	100	100	110	110	110	110	110	110	100	90	90	80	80	90	110
2	70	60	60	60	60	60	50	70	90	100	120	120	120	120	120	120	130	130	120	120	140	140	130	110	100	140
3	100	100	90	90	80	80	70	70	80	100	100	110	110	110	110	110	110	120	120	120	120	120	110	110	100	120
4	110	110	110	100	100	110	110	130	150	160	150	150	140	140	130	120	120	110	110	110	110	120	120	120	120	160
5	120	120	120	120	120	120	120	120	130	120	120	120	130	130	130	130	130	130	120	120	120	110	100	110	120	130
6	100	100	90	90	90	90	80	90	100	100	110	110	110	110	110	110	110	110	120	120	120	110	110	110	100	120
7	110	110	100	100	90	90	90	90	100	100	100	100	90	80	90	90	100	100	100	100	100	90	90	90	100	110
8	90	80	70	70	60	50	50	70	80	90	100	100	100	110	110	110	110	120	110	110	100	100	100	90	90	120
9	90	70	80	70	70	60	50	60	70	80	90	90	90	100	100	110	100	100	90	80	80	80	70	70	80	110
10	70	60	50	50	50	50	50	50	70	90	100	100	110	120	130	130	120	120	120	110	110	100	100	80	90	130
11	70	70	60	60	60	60	60	70	80	100	110	120	120	130	130	130	130	130	120	110	100	100	100	100	100	130
12	110	130	130	120	110	110	100	100	100	110	110	120	120	110	110	110	120	100	100	100	100	90	90	80	110	130
13	70	70	70	70	60	50	70	70	90	100	110	110	110	(CA)	110	110	110	110	100	100	90	80	80	80	90	110
14	80	70	60	60	60	50	50	60	70	80	100	110	110	110	120	110	110	110	110	100	90	80	80	70	90	120
15	70	70	70	60	60	50	50	60	70	80	90	100	110	110	110	120	120	120	120	110	110	100	100	100	90	120
16	100	100	100	90	90	80	70	70	70	100	110	100	110	110	120	120	120	110	110	110	100	100	110	100	100	120
17	100	90	90	70	60	70	70	80	90	100	100	100	110	110	110	110	110	110	90	100	90	80	80	80	90	110
18	70	60	60	60	50	50	50	60	70	80	90	90	90	100	100	100	100	100	90	90	90	80	80	90	80	100
19	80	80	80	80	80	70	70	70	70	70	80	90	90	90	90	90	90	90	90	90	90	90	70	70	80	90
20	70	80	90	100	100	90	80	80	80	80	80	80	90	90	100	100	90	90	100	130	160	150	140	130	100	160
21	130	120	120	110	110	130	130	130	150	160	160	160	150	150	140	150	150	150	160	140	120	120	110	100	140	160
22	90	90	80	70	60	60	70	90	90	90	90	90	100	100	100	100	90	90	130	130	120	110	80	70	90	130
23	70	70	70	70	60	60	60	60	70	90	90	100	100	100	100	100	90	90	90	90	90	80	70	70	80	100
24	60	50	50	50	50	50	50	50	60	60	70	70	80	70	70	70	70	70	70	70	60	60	70	70	60	80
25	60	60	70	80	90	120	130	130	130	130	120	130	130	130	130	130	130	130	130	130	120	110	100	110	110	130
26	100	90	90	80	80	80	70	80	90	100	100	100	100	110	110	110	110	110	100	90	90	90	90	80	90	110
27	90	100	90	90	80	80	80	90	90	90	100	90	90	90	100	100	80	80	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	90	100
28	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	70	70	80	80	80	90	90	80	80	80	80	70	70	80	90
29	70	80	80	70	70	70	80	80	80	80	80	80	80	90	90	90	90	90	90	80	80	70	70	70	80	90
30	60	50	40	40	40	30	40	50	60	70	80	80	80	80	80	80	80	80	80	70	70	60	60	50	60	80
31	50	50	50	50	50	50	50	60	60	70	80	70	80	80	80	80	80	80	80	80	70	60	60	60	70	80
AV	80	80	80	80	70	70	70	80	90	100	100	100	100	110	110	110	110	110	110	100	100	100	90	90	90	( )

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	50	40	40	30	30	30	30	70	80	80	80	100	100	90	100	100	90	100	100	80	80	70	70	60	70	100
2	60	50	50	40	40	40	40	50	50	60	70	70	80	70	70	80	80	70	60	70	60	60	60	50	60	80
3	50	40	40	40	30	40	40	30	40	50	70	70	70	80	90	100	90	100	100	100	120	110	100	90	70	120
4	70	70	60	50	50	50	60	70	90	90	100	100	110	110	120	120	120	120	110	100	90	90	80	70	90	120
5	60	70	60	60	60	70	60	60	70	80	90	100	90	100	100	100	100	100	100	100	80	70	70	60	80	100
6	60	60	60	60	60	60	50	70	80	70	70	70	70	70	70	70	70	70	70	70	60	60	50	50	60	80
7	40	50	50	50	40	40	50	50	70	70	80	80	90	90	90	90	90	90	80	80	80	80	80	80	70	90
8	70	80	60	70	60	60	60	70	70	70	70	70	70	80	110	100	110	120	110	100	90	80	80	70	80	120
9	70	70	80	80	80	90	90	80	90	90	90	90	100	100	100	90	100	100	100	90	90	90	70	60	90	100
10	40	50	60	50	50	50	70	70	70	60	70	70	80	70	80	70	70	70	70	70	60	70	60	60	60	80
11	50	50	40	40	40	40	40	50	70	80	80	70	80	80	80	90	90	90	90	90	70	80	70	70	70	90
12	80	80	80	70	70	60	50	60	70	80	80	[CA]	80	80	90	80	80	90	80	80	80	70	80	70	80	90
13	70	70	60	50	50	50	50	50	50	70	70	80	90	80	80	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	60	90
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	60	70	70	80	80	80	80	80	80	80	70	70	70	70	70	80
15	60	60	50	50	50	50	50	50	50	60	60	50	50	60	60	60	70	70	60	60	60	60	50	50	60	70
16	50	50	50	40	50	40	40	50	60	70	80	80	90	100	110	120	120	120	120	110	110	100	100	90	80	120
17	100	90	90	90	90	90	80	80	80	80	80	80	80	90	100	100	100	120	120	110	100	100	120	100	90	120
18	100	100	90	80	90	100	100	110	110	110	120	120	110	110	100	110	100	100	100	100	100	80	80	70	100	120
19	50	60	60	50	50	40	60	80	60	80	90	90	90	90	90	100	100	100	100	100	80	80	80	80	80	100
20	60	60	60	50	50	40	40	50	60	70	70	70	80	80	90	90	100	100	100	90	80	80	70	60	70	100
21	60	50	40	30	30	20	30	40	50	60	70	80	80	80	70	70	70	70	80	70	70	60	50	50	60	80
22	50	50	50	50	40	40	40	50	70	70	80	90	90	90	90	100	100	100	100	90	90	80	70	80	70	100
23	90	130	120	120	140	60	80	140	120	110	100	110	140	130	140	110	130	120	150	120	120	120	120	110	120	150
24	70	60	60	60	60	50	40	40	70	160	100	100	90	80	80	80	80	80	70	70	70	60	60	60	70	160
25	60	60	70	80	90	90	80	80	80	80	90	100	100	110	100	80	80	70	70	70	70	70	60	60	80	110
26	60	60	50	50	50	50	50	50	60	70	70	80	90	90	90	80	90	90	90	80	80	70	70	80	70	90
27	90	90	80	70	70	60	50	60	70	70	50	40	230	0	0	0	0	0	0	0	0	0	0	0	40	230
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	170	70	70	70	70	70	60	60	60	30	170
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	60	60	60	50	50	50	50	60	60	70	70	70	80	80	90	80	80	80	80	80	70	70	70	60	70	[ ]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	70	70	70	60	60	50	50	50	60	60	70	80	90	90	90	90	90	90	90	90	80	80	70	70	70	90
2	70	70	70	60	60	50	50	40	60	80	80	80	90	90	90	90	90	90	90	90	90	90	90	90	80	90
3	90	80	70	70	70	70	70	80	90	80	90	90	100	90	100	100	100	100	100	100	110	90	90	80	90	110
4	70	60	60	60	50	50	40	50	80	90	100	100	100	110	110	100	110	110	100	100	100	90	70	70	80	110
5	60	70	80	60	70	60	50	60	90	100	100	100	100	100	100	110	110	110	110	110	120	110	100	100	90	120
6	90	100	90	80	70	60	60	70	90	100	100	100	110	110	110	100	90	110	110	100	90	80	80	70	90	110
7	60	60	60	60	50	50	50	50	60	80	90	90	100	100	90	90	90	80	80	80	60	60	60	50	70	100
8	60	50	50	50	50	40	40	50	50	60	60	60	70	70	70	70	50	60	50	50	50	50	40	40	50	70
9	40	30	30	30	40	40	30	50	60	60	70	80	(CA)	70	80	90	90	90	80	80	80	70	60	70	60	90
10	70	60	60	50	50	50	(PF)	(PF)	(PF)	(PF)	(PF)	80	80	80	80	80	80	80	70	70	70	70	70	60	70	80
11	60	60	60	60	50	40	40	50	60	80	(PF)	(PF)	(PF)	80	90	80	80	80	70	70	70	70	70	60	70	90
12	70	70	80	70	70	60	70	80	80	90	90	80	90	80	90	80	80	90	90	80	70	70	70	70	80	90
13	70	70	70	60	70	80	70	80	90	90	90	90	90	90	100	110	110	120	130	130	120	120	100	100	90	130
14	80	70	70	70	60	60	60	60	70	90	110	120	130	130	130	130	120	130	130	130	130	110	110	110	100	130
15	130	120	120	120	100	90	90	100	100	120	120	120	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	110	130
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	90	90	90	90	90	90	70	70	60	70	70	80	90
19	60	60	50	50	50	50	50	50	60	70	80	80	90	90	90	90	90	100	100	90	80	70	70	60	70	100
20	60	60	50	50	50	50	40	40	50	60	70	80	80	80	100	90	90	100	100	80	80	80	80	70	70	100
21	70	70	60	60	50	50	50	50	60	70	80	90	100	100	100	100	100	100	100	90	80	70	70	70	80	100
22	60	60	60	50	50	50	60	60	70	90	90	100	100	110	120	120	120	120	120	110	100	100	90	90	90	120
23	90	80	70	60	60	50	50	60	80	100	130	100	100	100	100	100	110	100	100	90	90	90	90	80	90	130
24	70	60	60	60	60	60	50	60	70	80	90	100	100	90	90	100	110	100	100	100	100	100	90	80	80	110
25	70	70	70	70	60	60	60	70	70	90	100	100	100	110	120	120	120	130	130	120	110	90	90	90	90	130
26	90	80	70	70	70	70	60	70	70	80	100	100	110	110	120	120	120	120	120	110	100	90	80	100	90	120
27	110	110	110	90	80	80	80	70	80	80	70	60	(CA)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	90	110
28	110	100	100	90	80	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	100	110
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(MT)	(MT)	(MT)	(MT)	(MT)	(MT)	(MT)	90	110	110	110	110	80	80	80	70	90	110
AV	80	70	70	60	60	60	60	60	70	80	90	90	100	90	100	100	100	100	100	90	90	80	80	80	80	( )

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	0	0	0	0	0	5	5	5	10	10	10	10	10	10	10	10	5	5	5	5	5	5	10
2	5	0	0	0	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	10
3	5	5	5	5	5	5	5	5	5	5	10	10	10	10	15	15	15	15	15	10	10	10	5	5	10	15
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5
5	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
6	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	10	10	10	10	5	5	5	5	0	5	10
11	0	0	0	0	0	0	0	0	0	0	0	5	5	10	10	10	10	10	10	5	5	5	5	0	5	10
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0	5
14	0	0	0	0	0	0	0	0	0	0	0	5	5	10	10	10	10	10	10	10	10	5	5	0	5	10
15	0	0	0	0	0	0	5	0	0	0	5	5	10	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	10
16	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
19	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	5
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	0	( )

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
5	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

Moore Business Forms, Inc.

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(IM)	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(FO)	(FO)	(FO)	(FO)	(FO)	0	0
17	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
18	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
19	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
20	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0
23	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	0	0	0	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0
24	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
25	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
26	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
27	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
28	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	0	0	0	(FO)	(FO)	(FO)	(FO)	(FO)	0	0
29	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	0	0	0	0	0	0	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0
30	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	5	10	5	5	5	5	5	10	10	10	10	10	10	10	10	15	10	10	10	10	10	5	5	10	15
2	5	5	5	5	5	5	5	5	5	10	10	10	10	10	15	15	15	15	15	15	10	10	10	10	10	15
3	10	10	10	10	5	10	5	10	10	10	10	10	15	15	15	15	15	15	15	15	10	10	10	10	10	15
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	10	10
5	5	5	5	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5
6	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	5	5	5	5	5	5	0	5	5	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
10	0	0	0	0	0	0	0	0	0	0	5	5	5	10	10	10	10	10	10	10	5	5	5	5	5	10
11	5	5	0	0	0	0	0	0	0	5	5	5	5	10	10	10	15	10	10	10	10	5	5	5	5	15
12	5	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	5	5	0	0	0	0	0	0	0	5
13	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	10	10	10	10	5	5	5	0	5	10
14	0	0	0	0	0	0	0	0	0	0	5	5	10	10	10	15	15	15	15	10	10	5	5	5	5	15
15	0	0	0	0	0	0	0	0	0	5	5	10	10	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	10
16	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
19	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
5	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

JULY, 1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
17	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
18	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
19	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
20	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
23	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
24	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
25	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
26	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
29	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
30	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
6	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	15
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	15	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	15
16	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
19	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0
5	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

Moore Business Forms, Inc

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 02 OCT 75 *
****
* Subject To *
* Revision *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
17	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
18	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
19	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
20	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
23	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
24	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
25	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
26	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
29	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
30	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

RADIATION
(MICRO R/HR.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	27.0	27.0	26.5	26.5	26.0	26.5	25.5	25.5	26.5	27.0	26.5	27.0
7	26.5	27.0	27.0	26.5	27.0	27.0	27.0	27.0	27.0	27.0	27.0	26.5	25.5	26.0	27.0	26.5	26.0	27.0	26.5	26.0	26.0	26.5	26.0	26.5	26.5	27.0
8	27.0	27.0	26.5	26.5	27.0	27.0	25.5	26.5	27.0	26.5	26.5	26.5	26.5	26.5	27.0	29.5	29.0	28.0	27.0	26.5	26.5	26.0	25.5	26.0	27.0	29.5
9	27.0	27.0	26.0	26.0	25.5	26.5	27.0	26.5	25.5	25.0	25.5	26.0	25.5	25.0	25.0	26.5	27.0	27.0	25.5	25.0	27.0	27.0	27.0	27.0	26.0	27.0
10	26.5	26.5	27.0	28.0	27.5	27.0	26.5	25.5	27.0	27.0	27.0	26.5	25.5	26.0	27.0	26.5	26.5	25.5	25.5	26.5	27.0	27.0	26.5	27.0	26.5	28.0
11	27.0	27.0	27.0	27.0	26.5	26.5	27.0	27.5	27.5	27.0	27.0	27.0	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	27.0	27.5
12	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
13	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
14	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
15	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
16	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
17	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
18	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
19	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
20	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
21	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
22	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
23	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
24	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
25	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
26	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
27	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
28	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
29	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	27.0	27.0	26.5	27.0	26.5	27.0	26.5	26.5	27.0	26.5	26.5	26.5	26.0	26.0	26.5	27.0	27.0	27.0	26.0	26.0	26.5	26.5	26.5	26.5	26.5	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
14	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	0	0	5	5	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	5	0	5	5	0	5	0	5	0	0	0	0	5	0	0	0	0	0	5
17	5	5	5	0	5	5	5	0	0	5	0	5	0	0	5	0	0	0	0	5	5	5	0	5	5	5
18	5	5	5	0	0	5	0	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
19	10	10	10	15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15
20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	10	15	15	15	15	15	15	15	15	10	15	15	15	10	10	10	10	15	10	10	10	15	10	[FO]	15	15
24	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	10	10	5	10	10	10	10	5	5	5	5	5	5	10	10	10	10	10	10	10
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	10	10	10	10	10	10	10	10
27	10	10	10	10	10	10	10	10	10	5	10	5	5	5	0	0	0	5	5	5	5	10	5	5	5	10
28	5	5	10	10	10	10	10	10	[MT]	[MT]	[FO]	[FO]	[FO]	[FO]	5	5	5	5	5	5	10	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	10	10	10	10
30	10	10	10	10	10	10	10	10	10	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	5	10
31	5	5	10	5	10	10	10	5	5	5	5	5	0	0	0	0	5	5	10	10	10	10	10	10	5	10
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	10	5	5	5	[ ]

Moore Business Forms, Inc

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	10	15
2	15	15	15	15	15	15	10	15	(MT)	15	10	15	15	10	10	10	15	10	10	10	15	15	15	15	15	15
3	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	10	15	15	15	15	15	15	15	15	15	15
4	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	15	20
5	15	15	15	15	15	20	15	15	15	10	10	10	10	10	10	10	10	10	10	10	10	10	15	10	10	20
6	10	10	10	10	10	10	15	10	5	10	10	10	10	10	5	5	10	10	10	10	10	10	10	15	10	15
7	10	20	5	10	10	10	10	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20
8	10	10	10	10	10	10	15	15	10	10	10	10	10	10	10	10	10	10	10	10	10	5	10	15	10	15
9	10	10	10	10	10	10	10	10	15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15
10	10	10	10	15	15	10	10	10	10	15	10	10	15	20	10	10	10	10	10	10	15	10	10	10	10	20
11	10	10	10	10	10	10	10	10	10	5	10	15	15	15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	10	15
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	10	10	5	5	5	5	0	0	0	5	5	10	10	5	10
27	10	10	10	10	10	10	10	10	10	10	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5	10
28	5	10	10	10	10	10	10	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	5	5	10
29	10	10	10	10	10	10	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
30	0	10	5	10	10	10	10	10	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5	5	10
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	10	5	5	5	10	10	10	10	10	( )

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	10	10	10	10	10	10	10	10	10	5	5	(MT)	0	0	0	0	0	0	0	0	0	0	5	5	10
2	5	5	5	10	10	10	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
3	0	5	5	5	10	10	10	10	5	5	0	0	0	0	0	0	0	0	0	0	0	(PF)	(PF)	(PF)	5	10
4	5	5	10	10	10	10	10	10	10	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5	10
5	5	5	5	5	5	10	10	10	10	10	5	5	5	5	5	0	0	5	5	5	5	5	5	5	5	10
6	5	5	10	10	10	10	10	10	10	5	5	5	5	5	0	0	0	0	0	0	0	0	5	5	5	10
7	5	5	5	10	10	10	10	10	10	(MT)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	10
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
9	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
10	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
11	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	5	10	20	25	30	35	25	20	10	30	5	0	(PF)	20	35
12	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	0	5	5	15	20	30	35	45	55	60	50	40	30	20	10	5	0	25	60
13	5	5	5	5	5	5	5	5	5	10	20	30	30	35	40	40	50	50	45	35	25	20	10	5	20	50
14	5	5	5	5	5	0	5	5	15	15	15	15	15	10	10	10	45	50	50	40	30	15	10	5	15	50
15	5	30	5	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(MT)	(MT)	(MT)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	15	30
16	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
17	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
22	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	5	15	25	35	45	55	60	50	35	25	15	10	5	25	60
23	0	0	0	0	0	0	0	0	0	5	5	10	15	20	25	20	15	15	10	5	0	0	0	0	5	25
24	0	0	5	0	0	0	5	5	5	10	20	25	35	40	50	50	50	35	25	15	5	5	0	0	15	50
25	0	0	0	0	0	0	5	5	5	5	10	15	20	20	20	20	20	20	20	20	20	20	20	25	10	25
26	25	25	25	25	25	25	25	45	25	25	20	20	20	20	20	20	20	20	20	20	20	25	25	25	25	45
27	25	25	25	45	25	25	25	25	25	25	25	25	20	20	20	20	20	20	20	20	25	25	25	25	25	45
28	25	25	25	25	25	25	25	25	25	25	25	20	20	25	25	20	20	25	25	25	25	25	25	25	25	25
29	25	25	25	25	25	25	25	25	25	25	25	25	10	5	5	5	5	5	5	5	5	5	5	5	15	25
30	5	5	5	5	5	5	35	5	5	5	5	5	5	5	0	0	0	0	0	0	5	5	5	5	5	35
31	5	35	5	5	30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	35
AV	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	20	20	15	15	10	10	10	10	15	( )

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
14	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19	0	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
20	0	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5
21	0	0	0	5	5	0	5	5	0	0	0	0	0	0	0	0	0	0	5	5	0	5	0	0	0	5
22	0	0	0	5	5	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
23	0	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5	5	5	0	0	0	5	0	[FO]	5	5
24	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5
28	0	0	0	0	0	0	0	0	[MT]	[MT]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	5
30	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
31	0	0	5	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	5	0	0	0	0	0	0	5
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
2	0	0	0	5	0	0	0	0	(MT)	5	0	5	5	0	5	0	0	0	0	0	0	0	5	5	0	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5
4	5	0	0	5	0	5	5	5	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	5	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
7	5	5	5	0	5	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	5
8	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	0	10
9	0	0	0	0	0	0	0	0	5	5	0	5	0	0	5	0	0	0	0	5	0	0	0	5	0	5
10	5	5	5	5	5	5	5	5	5	0	0	0	5	5	0	0	5	0	0	0	5	5	0	0	5	5
11	5	5	5	5	5	5	5	5	0	0	5	5	10	5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	5	10
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	0	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
28	0	0	0	0	5	5	5	5	0	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	5
29	0	0	0	0	0	0	0	5	5	0	0	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5
30	0	5	0	0	0	5	5	5	0	0	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	0	0	0	0	0	0	5	5	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	( )

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	5	0	5	5	5	0	0	5	5	(MT)	0	0	0	5	5	5	0	0	0	0	0	0	5
2	0	0	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	0	0	0	0	0	5	5
3	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	(PF)	(PF)	(PF)	0	5
4	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	0	0	0	5
5	0	0	0	0	0	0	0	0	0	5	0	0	5	5	5	5	5	5	5	5	5	5	5	0	5	5
6	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	0	0	0	0	0	0	0	0	(MT)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	5
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
9	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
10	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
11	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	0	0	5	5	5	5	0	0	0	0	0	(PF)	0	5
12	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	0	0	0	5	5
13	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	5
15	0	0	0	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(MT)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	0
16	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
17	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
22	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	0	0	5	5	5	5	5	5	5	5	5	0	0	5	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	( )

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
14	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	0	0	0	0	0	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	0	5
20	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[FO]	5	5
24	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
27	5	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5
28	0	5	5	5	5	5	5	5	[MT]	[MT]	[FO]	[FO]	[FO]	[FO]	5	5	5	5	0	0	0	0	0	0	5	5
29	0	5	0	5	5	5	5	5	5	5	5	0	0	5	5	5	5	0	0	0	0	0	0	5	5	5
30	0	0	0	0	0	5	5	5	5	5	5	0	5	5	5	5	5	5	0	0	0	0	0	0	5	5
31	0	0	0	0	0	0	0	0	5	5	5	10	5	5	5	5	0	0	5	0	0	0	0	0	0	10
AV	0	0	0	0	0	0	5	0	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	[ ]

Moore Business Forms, Inc.

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	(MT)	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	0	5	5
6	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
7	10	5	5	0	5	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	15	5	0	0	15
8	0	0	0	0	0	0	5	10	0	0	0	0	0	0	0	0	0	5	0	0	0	10	5	10	0	10
9	5	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	5	0	5	0	5	0	5
10	5	0	5	5	5	5	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	5	0	5
11	0	0	0	0	5	5	5	5	50	10	0	0	15	5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	5	50
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	5	5	0	5	5	5	0	0	0	0	5	0	0	0	5
27	0	0	0	0	5	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5
28	5	0	0	0	0	0	5	5	0	5	5	5	5	5	10	10	5	5	5	5	0	0	0	0	5	10
29	0	0	0	0	0	0	0	0	15	5	5	5	5	10	10	10	10	10	5	0	0	0	0	0	5	15
30	0	5	0	0	0	0	5	5	5	5	5	5	5	5	10	10	10	5	5	0	0	0	0	0	5	10
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	5	0	0	0	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	0	5	5	( )

Moore Business Forms, Inc.

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	5	5	5	5	5	5	5	5	5	10	5	(MT)	5	5	5	5	5	5	0	0	0	0	0	5	10
2	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5	5
3	0	0	0	0	5	0	5	5	5	5	5	5	5	5	5	5	5	10	5	5	0	(PF)	(PF)	(PF)	5	10
4	5	5	0	5	0	5	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	0	0	5	10
5	5	5	0	0	5	5	5	5	5	10	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	10
6	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	15	10	5	5	5	5	5	5	5	15
7	5	5	5	5	5	5	5	5	5	(MT)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	5	5
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
9	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
10	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
11	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	5	5	5	5	10	10	10	5	5	5	5	5	(PF)	5	10
12	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	10	10	15	20	20	20	20	15	10	10	5	5	15	20
13	5	5	5	5	5	5	5	5	5	5	10	10	10	15	15	15	20	20	15	10	10	5	5	5	10	20
14	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	10	20	20	15	10	5	5	5	5	20
15	5	5	5	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	5	5
16	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
17	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
22	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	5	5	10	10	15	15	20	20	15	10	10	5	5	5	10	20
23	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	10	10	5	5	5	5	5	5	5	5	10
24	5	5	5	5	5	15	5	5	5	5	5	10	10	15	15	15	20	20	15	10	10	10	5	5	10	20
25	5	5	5	5	15	5	5	5	5	5	10	10	5	5	0	0	0	0	0	0	0	0	0	0	5	15
26	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	0	0	0	0	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5	5	5	5
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	0	0	0	5	5	5	5	5
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	5	5	( )

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	15	10	10	10	10	10	10	15	15	15	20	25	30	35	35	40	40	40	40	40	35	30	30	20	25	40
2	20	15	15	15	15	10	10	15	15	25	30	30	35	35	40	45	45	50	50	45	35	30	30	25	30	50
3	20	15	15	15	10	10	10	10	15	15	20	25	35	40	45	50	45	50	45	45	40	35	30	25	30	50
4	25	25	20	20	20	20	20	25	20	25	25	25	25	25	30	30	30	30	30	25	30	25	20	15	25	30
5	10	10	10	5	10	10	10	10	5	20	20	20	20	20	20	10	10	10	10	10	10	10	10	10	10	20
6	10	10	10	10	5	10	5	5	5	10	10	20	20	20	25	25	25	20	20	20	20	20	20	10	15	25
7	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	25	20	20	15	25
8	20	20	20	10	10	10	10	10	10	25	25	25	30	30	45	45	50	45	45	40	40	30	30	30	25	50
9	25	20	20	20	20	15	15	15	15	20	25	40	30	20	15	20	20	20	20	20	15	15	5	15	20	40
10	5	5	0	0	0	0	0	0	5	5	15	15	20	25	35	35	35	35	35	35	25	20	20	15	15	35
11	15	15	5	5	5	5	5	5	15	15	20	25	25	35	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	15	35
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(MT)	15	15	15	15	15	15	15	5	5	5	5	5	5	10	15
13	5	15	5	5	5	0	0	5	5	5	5	5	15	15	20	20	20	20	30	30	20	20	20	20	15	30
14	15	5	5	5	5	5	5	5	15	15	20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	10	20
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	0	0	5	5	5	0	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5
18	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	5
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
20	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
28	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	10	20	20	20	20	20	20	20	20	20	10	20	20	20	20	20	10	10	10	10	15	20
31	10	10	10	10	10	10	10	20	20	20	20	20	20	10	20	20	20	20	20	20	20	20	20	10	15	20
AV	10	10	10	10	10	10	10	10	10	15	15	15	20	20	20	20	20	20	20	20	20	15	15	15	15	( )

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	v 02	609 6	046	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	15	10	10	10	10	10	10	10	15	15	10	15	15	10	15	10	10	10	10	10	15	15	15	20	10	20
2	15	15	15	15	10	15	15	10	15	15	15	15	(MT)	0	0	5	5	5	5	5	5	5	5	5	10	15
3	5	5	10	5	5	5	5	5	5	5	5	10	10	10	5	10	10	5	5	5	10	5	5	10	5	10
4	5	5	5	5	10	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	10	10
5	5	10	10	5	5	5	10	10	10	10	10	10	(MT)	(MT)	(MT)	5	5	5	10	10	10	10	10	5	10	10
6	5	10	10	10	10	5	5	5	10	15	10	10	15	10	10	20	20	15	15	20	20	15	15	10	10	20
7	5	10	10	10	10	10	10	15	10	10	5	10	10	10	10	10	10	10	15	10	15	15	10	10	10	15
8	10	10	10	15	15	10	10	10	10	20	15	15	10	10	15	15	15	10	15	15	15	15	15	15	15	20
9	15	15	15	15	10	15	10	15	15	20	15	15	15	15	15	15	15	15	15	10	15	10	10	10	15	20
10	10	10	10	10	10	10	15	15	20	20	15	15	15	15	20	20	20	20	15	20	20	15	25	20	15	25
11	15	15	15	20	20	15	15	20	20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	15	20
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
16	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	20	20	25	25	25	25	25	30	30	30	30	30	30	40	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	(CA)	(CA)	30	40
19	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	20	25	25	30	30	25	30
20	30	30	30	30	25	30	25	25	25	25	25	25	15	20	25	25	25	25	25	25	25	25	25	20	25	30
21	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	30	30	25	25	25	30	30	25	30
22	30	30	30	30	30	30	30	30	30	30	30	25	25	20	25	25	25	25	30	25	30	20	25	25	25	30
23	20	20	20	20	20	20	20	25	25	25	25	25	30	(PF)	15	15	20	20	25	25	25	25	25	25	20	30
24	25	25	25	25	25	20	15	15	10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	20	25
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	10	10	10	10	10	10	15	15	15	10	15
27	20	15	20	20	20	20	20	20	20	20	15	20	20	20	20	25	20	25	25	25	25	20	20	20	20	25
28	20	25	20	20	15	15	15	20	20	20	20	20	20	35	20	20	20	25	25	20	20	20	20	20	20	35
29	15	15	20	20	25	20	25	25	25	25	25	20	20	15	15	20	20	15	15	20	15	15	20	10	20	25
630	6 20	15	15	20	20	15	20	20	15	20	15	15	15	15	15	15	15	20	15	15	15	15	20	20	15	20
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	15	15	15	15	15	15	15	15	15	20	15	15	20	15	15	15	15	15	15	15	20	15	15	15	15	( )

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	15	20	20	20	20	20	20	15	20	15	20	15	15	15	15	20	20	20	15	20	20	20	15	20	20	20
2	15	15	15	15	10	10	5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0	5	10	5	5	10	5	10	10	5	10	15
3	15	10	10	10	10	10	10	10	10	15	10	10	10	15	10	15	15	10	10	15	15	15	15	15	10	15
4	15	20	15	15	15	15	15	15	20	15	15	15	15	15	15	15	10	15	15	15	20	15	15	20	15	20
5	15	15	15	15	15	15	15	15	15	15	15	15	10	15	10	15	15	15	15	15	15	15	15	15	15	15
6	10	15	15	10	15	10	10	15	15	10	10	10	10	15	10	10	10	10	10	15	10	10	15	15	10	15
7	15	10	10	15	15	15	10	10	15	10	15	10	10	10	15	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	15
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(FO)	0	0	0	5	5	10	10	10	10	10	10	10	10	5	10
9	10	10	10	10	10	10	10	10	10	10	10	15	10	10	10	10	10	10	15	10	10	10	15	15	10	15
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	10	10	15	15	10	15
11	10	10	10	15	15	15	10	10	15	15	15	10	10	10	10	15	15	15	10	15	15	15	15	15	15	15
12	15	10	10	10	10	10	10	10	10	10	15	15	10	10	10	10	10	15	10	10	10	10	10	10	10	15
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	10	10
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
15	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	5	10
16	10	5	10	10	10	10	5	5	0	0	0	0	5	0	5	5	0	5	5	10	10	5	5	5	5	10
17	10	5	5	5	10	10	10	5	5	15	10	5	5	5	10	10	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	15
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	5
21	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5	5	0	5	0	5	5	5
22	0	5	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	(IM)	(IM)	(IM)	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	0	0
29	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
30	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	10	10	10	10	10	10	5	5	10	10	10	5	5	5	5	5	5	5	5	10	5	5	5	10	5	( )

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	20	20	20	20	20	20	20	20	20	20	20	25	25	25	25	30	25	25	25	25	20	20	20	20	30
2	20	20	20	20	20	20	20	20	20	20	20	20	25	25	25	30	30	30	30	30	25	25	25	20	25	30
3	20	20	20	20	20	20	20	20	20	20	20	25	25	30	30	30	30	30	30	30	25	25	25	25	25	30
4	20	20	20	20	20	20	20	20	20	20	20	20	25	25	25	25	25	25	25	25	25	20	20	20	20	25
5	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
6	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	25	20	20	20	20	20	20	20	20	20	25
7	20	20	20	20	20	20	20	20	20	20	15	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
8	20	20	20	20	20	20	20	20	20	20	20	25	25	25	25	30	30	30	30	25	25	25	25	25	25	30
9	20	20	20	20	20	20	20	20	20	20	20	25	25	20	20	20	20	20	20	20	20	20	20	20	20	25
10	20	15	15	15	15	15	15	15	15	20	20	20	20	20	25	25	25	25	25	25	20	20	20	20	20	25
11	20	20	20	20	20	20	20	20	20	20	20	20	25	25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	20	25
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(MT)	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
13	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
14	20	20	20	15	15	15	15	15	15	20	20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	15	20
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15
16	15	15	15	15	15	1	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
17	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
18	15	15	15	15	15	1	15	15	15	15	10	15	15	15	15	15	15	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	15	15
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
20	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0	0
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(FO)	(FO)	130	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	130	130
28	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	10	10	10	15	15	15	15	15	15	15	15	15	15
29	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	20	20	20	20	20	15	20
30	20	20	20	20	20	20	20	20	20	15	15	15	20	20	20	20	20	20	20	20	20	20	20	20	20	20
31	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
AV	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	25	20	20	20	20	20	20	25	( )

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
2	20	20	20	20	20	20	20	20	20	20	20	20	(MT)	15	15	15	15	15	15	15	15	15	15	15	20	20
3	15	15	15	15	15	15	15	15	15	20	15	15	15	15	20	20	20	20	20	20	20	20	20	20	15	20
4	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
5	20	20	20	20	20	20	20	20	20	20	20	20	(MT)	15	15	15	15	15	15	15	15	15	15	15	20	20
6	15	20	15	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
7	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
8	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
9	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
11	20	20	20	20	20	20	20	20	20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	20	20
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
16	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	10	15	15	20	15	20	20	20	20	25	20	20	20	25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	(CA)	(CA)	20	25
19	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	10	15	15	15	15	15	15
20	15	15	15	15	10	15	15	10	15	15	10	10	10	10	15	10	10	10	10	10	15	10	15	10	10	15
21	15	10	15	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	10	15	15	15	15	15
22	6 15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
23	15	10	10	15	10	15	10	15	15	10	15	10	15	(PF)	5	0	5	5	10	10	10	10	10	10	10	15
24	10	10	10	10	10	10	10	5	5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	10	10
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	5	5	5	10
28	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	10
29	5	5	5	5	5	5	145	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	10	145
30	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	15	15	15	15	15	15	20	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	( )

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	5	0	5	0	0	5	5	5	0	0	5	5	5	5	5	5	5	5	5	0	5	5	5
2	5	0	5	5	0	0	0	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0	0	0	0	0	0	0	0	0	0	0	5
3	5	5	0	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	15	15	15	15	15	10	15
4	15	15	15	15	15	15	15	15	20	15	20	20	20	15	20	20	15	20	20	20	20	20	20	20	20	20
5	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	25	25	25	25	25	20	25
6	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	30	25	25	25	30	30	30	30	25	30
7	30	30	30	30	30	30	30	30	30	20	25	30	30	30	30	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	30	30
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(FO)	0	0	5	5	10	10	15	15	15	15	20	15	20	10	20
9	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	25	25	25	25	25	25	25	20	25
10	25	25	25	25	25	20	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
11	25	25	25	25	25	25	25	25	25	25	25	25	25	25	20	25	25	25	25	25	25	25	25	25	25	25
12	25	25	25	25	25	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	25
13	20	20	20	20	20	20	15	20	15	20	20	15	15	15	15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	20	20
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0	0	0	0	0	5	5	5	5	10	10	10	5	10
15	10	10	15	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	20	15	20	15	20
16	20	20	20	15	15	15	15	15	0	0	0	5	0	0	0	0	5	5	5	10	10	10	10	10	10	20
17	10	10	10	15	15	10	10	10	10	0	10	10	5	5	10	5	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	15
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	5	10
22	10	10	10	15	15	15	15	15	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	10	15	15
23	10	10	15	15	10	10	10	10	10	5	5	5	0	(IM)	(IM)	(IM)	0	0	0	0	0	0	0	0	5	15
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	5
25	0	0	0	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
28	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	5	5
29	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
30	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	10	10	10	15	15	15	10	15	15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	( )

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	0	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
2	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5
3	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	5	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
9	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	5	0	5	5	5	5	5	5	0	0	0	0	0	0	5
11	0	0	0	0	0	0	0	0	0	0	0	0	5	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	5
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[MT]	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	0	0	0	5
14	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0
19	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
20	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
21	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	r0	0	0	0	0	0	0	0	0	0	0	0	[MT]	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	r0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	[MT]	[MT]	[MT]	0	0	0	0	0	0	0	0	0	0	0
6	r0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	( )	( )
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	( )	( )
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	( )	( )
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	( )	( )
16	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	( )	( )
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	( )	( )
18	0	10	0	0	0	0	0	0	0	15	0	0	0	15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	[CA]	5	15
19	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0
20	r0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	2 r0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	[PF]	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	( )	( )
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	20
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	20
16	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	20	0	0	0	0	0	0	0	20	5	20
17	35	20	0	0	0	0	0	0	0	0	0	0	20	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	5	35
18	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	( )	( )
19	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	( )	( )
20	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	20
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	20
23	0	0	0	0	0	0	35	20	0	0	0	0	0	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	5	35
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
29	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	( )	( )
30	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

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TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)
                                                   WHITE RIVER SHALE PROJECT,UTAH   **********************
                                                                                    *                    *
                                                   SITE A  6                        *  PRELIMINARY DATA  *
                                                                                    *  AS OF 15 OCT 75   *
                                                   MAY,1975                         *                    *
                                                                                    **********************
                                                   AEROVIRONMENT INC.               *                    *
                                                                                    *     Subject To     *
                                                                                    *      Revision      *
                                                                                    *                    *
                                                                                    **********************

                                     CLOCK HOUR  (LOCAL STANDARD TIME)
 D                                                                                                             P
 A                                                                                                             E
 T  00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE  A
 E                                                                                                             K

 1 1630 1560 1520 1600 1540 1540 1560 1590 1590 1570 1500 1540 1470 1550 1580 1380 1410 1370 1450 1570 1520 1470 1480 14701520 1630
 2 1570 1670 1850 2210 1970 1820 1750 1780 1550 1490 1340 1480 1480 1390 1410 1460 1460 1490 1520 1590 1490 1460 1550 14901590 2210
 3 1430 1410 1430 1450 1400 1350 1400 1430 1410 [CA] 1220 1270 1370 1680 1620 1770 1800 1850 1900 1820 1510 1470 1530 15701530 1900
 4 1490 1430 1470 1370 1320 1400 1430 1650 1860 2000 1970 1880 1840 1780 2000 2290 2030 1830 2220 1930 1240 1240 1260 13101680 2290
 5 1450 1470 1450 1470 1500 1480 1400 1370 1490 1400 1350 1320 1400 1370 1440 1470 1390 1340 1450 1380 1390 1370 1410 14801420 1500
 6 1490 1430 1430 1430 1430 1370 1310 1490 1800 1990 [CA] 2050 2050 1450 1650 1700 1950 1800 1570 1370 1720 2080 1910 21101680 2110
 7 1980 2060 1880 2120 2200 2110 2070 1930 2070 1910 2120 2260 2260 2190 1890 1710 1870 1750 1400 1610 1390 1650 1570 14401890 2260
 8 1360 1350 1350 1370 1400 1550 1430 1430 1410 1360 1460 1370 1420 1320 1430 1280 1310 1310 1390 1330 1390 1400 1400 13901380 1550
 9 1430 1380 1340 1340 1350 1280 1420 1470 1400 1410 [CA] 1040 1050 1140 1070 1050 1040 1050 1050 1100 1050 1050 1070 10701200 1470
10 1090 1160 1080 1160 1120 1090 1080 1080 1080 1110 1100 1060 1030 1020 1020 1030 1020 1030 1050 1050 1040 1080 1040 10401070 1160
11 1080 1040 1060 1070 1070 1050 1060 1100 1040 1110 1040 1030 1010 1030 1020 1040 1010 1040 1080 1080 1040 1110 1020 10501050 1110
12 1040 1030 1030 1030 1030 1040 1020 1010 1010 1060 1050 980. 990. 990. 1000 990. 1000 980. 990. 1060 990. 1000 1010 10401020 1060
13 1060 1090 1000 990. 990. 1010 1010 1000 1020 980. 970. 980. 980. 1010 990. 990. 1010 980. 970. 1010 980. 980. 980. 990.1000 1090
14 990. 990. 990. 980. 1020 1020 1010 1040 1050 1140 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM]1020 1140
15 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [MT] [CA] 1140 1130 1130 1110 1100 1080 1070 1070 1070 1050 1050 1040 1040 10401080 1140
16 1030 1020 1020 1010 1010 1010 1010 1110 1090 1030 1030 1050 1050 1030 1020 1020 1020 1010 1010 1010 1010 1020 1000 10001030 1110
17 1000 990. 1000 1000 990. 1000 1000 1000 1010 1010 1000 1000 1000 1000 990. 1030 1010 1000 1010 1000 1000 990. 990. 990.1000 1030
18 980. 1000 990. 990. 1000 1010 1000 1010 1000 1000 980. 1010 990. 990. 1210 990. 990. [PF] [PF] [PF] [PF] [PF] [PF] [PF]1010 1210
19 [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO][   ] [   ]
20 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO][   ] [   ]
21 [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
22 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
23 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
24 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] 1050 980. 980. 1050 980. 980. 980. 1050 980.1000 1050
25 1010 1000 1020 1020 1020 1030 1030 1030 1030 1040 1040 1030 1040 1030 1030 1030 1030 1030 1030 1030 1180 1040 1060 10801040 1180
26 1110 1050 1050 1050 1080 1070 1120 1060 1050 1090 1050 1040 1040 1030 1030 1030 1030 1030 1020 1020 1020 1040 1020 10201050 1120
27 1100 1050 1030 1040 1150 1030 1110 1010 1020 1010 [CA] 1010 1020 1000 1030 980. 920. [PF] 920. [FO] [FO] [FO] [FO] [FO]1030 1150
28 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO][   ] [   ]
29 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO][   ] [   ]
30 [FO] [FO] [FO] [FO] [FO] 1050 1050 1030 1110 1050 1050 [MT] 1050 1000 990. 980. 1020 1030 980. 990. 1030 990. 980. 990.1020 1110
31 1010 990. 1000 990. 1010 1020 1020 1010 1000 1000 1000 990. 990. 980. 990. 990. 990. 1000 1000 990. 1000 990. 990. 990.1000 1020

AV 1250 1250 1240 1270 1270 1240 1240 1260 1280 1270 1230 1260 1260 1230 1250 1230 1230 1240 1230 1240 1190 1210 1210 12201220 [   ]
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TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	990.	990.	980.	990.	1010	1070	1020	1010	1000	1000	1020	1000	1020	990.	990.	1010	990.	990.	980.	990.	980.	980.	1010	990.	1000	1070
2	1010	1000	1010	1000	1040	1020	1010	1080	1090	1040	(CA)	1050	1010	990.	960.	1950	980.	990.	970.	980.	980.	990.	1020	980.	1050	1950
3	1000	980.	990.	990.	990.	1000	1020	990.	1030	1100	1030	980.	970.	980.	960.	950.	950.	950.	950.	940.	950.	940.	960.	940.	980.	1100
4	940.	950.	1010	940.	950.	980.	1000	990.	990.	980.	960.	960.	950.	960.	950.	980.	970.	1010	950.	980.	950.	950.	990.	960.	970.	1010
5	970.	970.	970.	960.	990.	990.	[illegible]	1010	980.	990.	(CA)	1030	(MT)	(MT)	(MT)	1100	1050	1020	1030	1030	1010	1010	1000	1010	1010	1100
6	1020	1010	1030	1010	1060	1030	1020	1020	1220	1360	1050	1040	1000	1000	1040	990.	980.	980.	980.	980.	980.	970.	1020	980.	1030	1360
7	990.	990.	1040	980.	1090	1000	1010	1000	1040	1010	1010	1000	980.	980.	980.	970.	970.	970.	970.	970.	970.	980.	1040	990.	1000	1090
8	980.	1040	1020	1020	1030	1000	1020	1020	1000	1010	1050	(CA)	990.	970.	990.	990.	1000	1000	1000	1010	1000	1000	1020	1040	1010	1050
9	1070	1040	1020	1010	1020	1070	1020	1010	1020	1010	1010	1010	1010	1000	1000	1000	1010	1020	1000	1030	1040	1070	1020	1040	1020	1070
10	1000	1000	1000	1100	1000	1020	1040	1010	1020	1040	1050	1010	1000	1000	1010	1010	1050	1030	1050	1010	1080	1060	1010	1040	1030	1100
11	1010	1020	1040	1020	1030	1030	1030	1010	1050	1060	(CA)	1070	1070	1080	1080	1070	1050	1050	1070	1050	1040	1100	1060	1140	1050	1140
12	1040	1090	1040	1090	1080	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	1070	1090
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
16	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
17	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
18	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	1000	1010	1010	1010	1020	1020	1020	1010	1040	1050	1020	1020	1000	990.	1000	1090	1000	1000	1000	1000	1000	1000	1010	1010	1020	( )

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          TOTAL HYDROCARBONS
          (MICROGRAMS/CU. METER)
                                                   WHITE RIVER SHALE PROJECT,UTAH      *********************
                                                                                       *                   *
                                                   SITE A  6                           *  PRELIMINARY DATA *
                                                                                       *  AS OF 02 OCT 75  *
                                                   JULY,1975                           *                   *
                                                                                       *********************
                                                   AEROVIRONMENT INC.                  *                   *
                                                                                       *    Subject To     *
                                                                                       *     Revision      *
                                                                                       *                   *
                                                                                       *********************

                              CLOCK HOUR  (LOCAL STANDARD TIME)
 D                                                                                                       P
 A                                                                                                       E
 T  00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE  A
 E                                                                                                       K

  1 (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)(   ) (   )
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        METHANE
        (MICROGRAMS/CU. METER)
                                                        WHITE RIVER SHALE PROJECT,UTAH      *********************
                                                                                            *                   *
                                                        SITE A  6                           *  PRELIMINARY DATA *
                                                                                            *  AS OF 15 OCT 75  *
                                                        MAY,1975                            *                   *
                                                                                            *********************
                                                        AEROVIRONMENT INC.                  *                   *
                                                                                            *    Subject To     *
                                                                                            *     Revision      *
                                                                                            *                   *
                                                                                            *********************

                                          CLOCK HOUR  [LOCAL STANDARD TIME]
 D                                                                                                              P
 A                                                                                                              E
 T  00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE  A
 E                                                                                                              K

  1 990. 980. 950. 960. 1010 1040 1060 1050 990. 1010 1000 970. 970. 960. 940. 890. 920. 910. 920. 930. 940. 960. 920. 970.970. 1060
  2 1010 1040 1200 1460 1340 1210 1200 1180 1070 1090 1010 970. 960. 940. 930. 920. 880. 900. 920. 930. 930. 930. 1070 960.1040 1460
  3 970. 960. 920. 960. 960. 1000 1010 1000 990. [CA] 980. 960. 930. 920. 890. 880. 890. 900. 900. 890. 870. 900. 920. 950.940. 1010
  4 950. 940. 910. 940. 950. 950. 920. 950. 980. 960. 950. 890. 890. 930. 910. 920. 900. 910. 910. 920. 1000 950. 960. 990.940. 1000
  5 950. 960. 1000 1010 1020 1030 1030 1010 990. 960. 1000 1010 1090 1020 980. 950. 950. 980. 1000 980. 1000 1010 1040 10401000 1090
  6 1070 1070 1070 1070 1070 1080 1150 1080 1080 1010 [CA] 1150 1150 1140 1140 1150 1140 1140 1120 1100 1130 1150 1120 10701110 1150
  7 1070 1110 1160 1100 1100 1110 1110 1110 1070 1070 1060 1100 1110 1110 1110 1080 1100 1090 1080 1090 1100 1100 1050 11001100 1160
  8 1070 1050 1030 1070 1070 1080 1060 1070 1080 1060 1060 1030 1010 1020 990. 960. 920. 920. 880. 880. 910. 960. 990. 10001010 1080
  9 970. 1010 1000 950. 980. 990.   0. 950. 1000 1000 [CA] 980. 950. 830. 820. 850. 820. 890. 910. 960. 980. 970. 990. 1010950. 1010
 10 1010 1010 1010 1050 1040 990.   00 980. 1020 1040 1020 990. 970. 940. 940. 940. 930. 920. 950. 930. 1090 930. 920. 970.980. 1090
 11 980. 960. 960. 980. 990. 950.  30. 990. 1000 960. 990. 960. 970. 890. 1100 860. 850. 830. 820. 840. 820. 840. 850. 930.930. 1100
 12 900. 910. 910. 920. 880. 870.   0. 840. 870. 940. 920. 900. 890. 900. 890. 910. 890. 910. 880. 880. 840. 860. 880. 880.890. 940.
 13 930. 870. 860. 840. 800. 810.   0. 860. 890. 890. 910. 950. 940. 960. 980. 970. 960. 970. 960. 960. 980. 940. 930. 910.910. 980.
u14 909.u890. 870. 870. 880. 850.  70. 920. 980. 1010 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM]900. 1010
 15 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [MT] [CA] 660. 720. 780. 810. 820. 830. 830. 830. 840. 860. 850. 860. 850. 880.820. 880.
 16 910. 900. 920. 1060 900. 910.  30. 970. 980. 930. 940. 1060 930. 930. 940. 950. 960. 990. 970. 980. 960. 970. 950. 940.950. 1060
 17 920. 910. 930. 950. 960. 940.   0. 990. 1000 1010 1000 1000 1000 1010 1010 1010 1000 990. 980. 990. 970. 990. 980. 960.980. 1010
 18 950. 970. 980. 980. 990. 980.   0. 980. 980. 990. 980. 1140 1000 1010 1010 1010 990. [PF] [PF] [PF] [PF] [PF] [PF] [PF]1000 1140
 19 [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [PF] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO][   ] [  ]
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 25 780. 840. 910. 840. 840. 910.   0. 910. 910. 900. 840. 840. 840. 900. 970. 970. 970. 970. 970. 970. 970. 970. 1030 1030920. 1030
 26 970. 970. 970. 970. 970. 970.   0. 970. 970. 970. 970. 970. 970. 970. 970. 970. 970. 970. 900. 900. 900. 970. 900. 840.950. 970.
 27 900. 840. 840. 840. 900. 900. 900. 900. 970. 970. [CA] 770. 710. 770. 770. 640. 640. [PF] 640. [FO] [FO] [FO] [FO] [FO]820. 970.
 28 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO][   ] [  ]
 29 [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO] [FO][   ] [  ]
 30 [FO] [FO] [FO] [FO] [FO] 580.   0. 640. 710. 710. 900. [MT] 790. 770. 830. 830. 890. 890. 890. 880. 880. 820. 820. 880.800. 900.
 31 870. 870. 930. 930. 930. 930. 850. 860. 860. 860. 850. 850. 850. 790. 850. 840. 780. 840. 840. 840. 840. 830. 830. 830.860. 930.

 AV 960. 960. 970. 990. 980. 960. 960. 960. 970. 970. 950. 960. 940. 930. 940. 910. 910. 930. 910. 930. 940. 940. 940. 950.940. [  ]
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          METHANE
          (MICROGRAMS/CU. METER)
                                                        WHITE RIVER SHALE PROJECT,UTAH      *********************
                                                                                            *                   *
                                                        SITE A  6                           *  PRELIMINARY DATA *
                                                                                            *  AS OF 15 OCT 75  *
                                                        JUNE,1975                           *                   *
                                                                                            *********************
                                                        AEROVIRONMENT INC.                  *                   *
                                                                                            *    Subject To     *
                                                                                            *     Revision      *
                                                                                            *                   *
                                                                                            *********************

                                      CLOCK HOUR  (LOCAL STANDARD TIME)
 D                                                                                                          P
 A                                                                                                          E
 T  00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE   A
 E                                                                                                          K

 1 820. 800. 800. 810. 820. 830. 840. 830. 820. 830. 840. 830. 840. 840. 830. 830. 830. 830. 820. 800. 790. 800. 800. 790.820. 840.
 2 780. 760. 780. 750. 800. 770.  40. 740. 780. 760. (CA) 880. 850. 820. 830. 900. 810. 810. 830. 830. 820. 800. 770. 790.800. 900.
 3 790. 780. 780. 780. 780. 780. [illegible] 750. 780. 800. 810. 790. 780. 790. 760. 750. 770. 790. 760. 760. 760. 760. 740. 690.770. 810.
 4 670. 680. 700. 700. 730. 700.  20. 740. 750. 750. 770. 760. 780. 770. 780. 770. 760. 780. 770. 770. 760. 780. 790. 780.750. 790.
 5 780. 770. 730. 860. 750. 750. 770. 740. 750. 760. (CA) 790. (MT) 650. 650. 650. 700. 700. 720. 730. 740. 730. 750. 750.740. 860.
 6 750. 740. 750. 750. 760. 740. 7 0. 720. 740. 1370 750. 740. 730. 740. 730. 730. 710. 720. 710. 730. 740. 730. 730. 710.760. 1370
 7 720. 730. 720. 730. 740. 740. 730. 740. 740. 730. 730. 710. 710. 710. 700. 700. 710. 690. 700. 700. 700. 700. 710. 710.720. 740.
 8 690. 690. 680. 680. 680. 700. 690. 700. 690. 690. 720. (CA) 690. 670. 690. 690. 700. 710. 720. 700. 710. 690. 700. 730.700. 730.
 9 690. 690. 690. 690. 680. 690. [illegible] 680. 690. 700. 700. 710. 720. 700. 700. 710. 690. 700. 700. 700. 690. 680. 650. 670.690. 720.
10 660. 650. 650. 650. 650. 660. 640. 670. 670. 690. 700. 690. 690. 690. 710. 700. 690. 700. 690. 690. 690. 690. 680. 670.680. 710.
11 650. 660. 650. 650. 640. 640. 640. 640. 660. 670. (CA) 770. 760. 740. 730. 720. 710. 730. 740. 700. 690. 650. 690. 680.690. 770.
12 680. 700. 700. 700. (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM)700. 700.
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20 1090 1090 1110 1110 1100 1100 1100 1080 1100 1150 1140 1080 1070 1130 1180 1140 1090 1090 1090 1080 1050 1080 1070 10601100 1180
21 1060 1060 1060 1070 1080 1090 1090 1080 1080 1080 1080 1090 1060 1070 1120 1140 1140 1110 1100 1100 1110 1100 1100 10901090 1140
22 1100 1100 1090 1090 1100 1080 1080 1090 1100 1100 1100 1090 1090 1090 1080 1090 1100 1110 1100 1130 1100 1100 1130 11301100 1130
23 1110 1110 1100 1100 1100 1080 1080 1200 1230 1180 1130 1100 1110 (PF) 1150 950. 1040 1040 1050 1030 1050 1050 1040 10401090 1230
24 1040 1040 1040 1040 1050 1060 1070 1120 1070 1080 1130 1170 1200 1140 1190 1170 1180 1150 1160 1170 1100 1040 1030 10201100 1200
25 1010 1010 1020 1050 1040 1080 1100 1080 1140 1170 1020 (CA) (CA) 1150 1100 1060 1040 1020 1030 1030 1040 1060 1070 10701060 1170
26 1070 1070 1060 1070 1080 1070 1080 1080 1070 1080 1080 1070 1060 1050 1030 1050 (MT) 1150 1140 1150 1150 1170 1170 11701090 1170
27 1180 1190 1170 1180 1170 1150 1160 1220 1260 1230 1180 1160 1180 1250 1200 1170 1160 1190 1240 1260 1250 1200 1180 11701200 1260
28 1180 1160 1180 1230 1200 1180 1180 1180 1190 1190 1190 1190 1250 1220 1160 1240 1240 1270 1240 1260 1150 1190 1200 12001200 1270
29 1190 1170 1160 1160 1150 1130 1140 1170 1260 (MT) (MT) (MT) (MT) 1050 920. 1160 1040 1100 1070 1010 880. 960. 920. 940.1080 1260
30 960. 950. 920. (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) (IM) 1160 1130 1160 1100 1140 1020 1050 1040 10401060 1160
31 (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  )(   ) (   )

AV 910. 900. 900. 910. 920. 910. 910. 920. 940. 960. 960. 940. 930. 920. 920. 940. 920. 940. 940. 940. 920. 920. 920. 920.920. (   )
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METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1050	1050	1050	1050	1050	1050	1110	1110	1110	1050	1050	1110	1310	1180	1110	1110	1110	1110	1110	1110	1050	980.	1050	1050	1090	1310
2	1050	1050	1050	1050	1050	1050	1050	1110	1050	1050	1050	1050	1050	1050	980.	980.	980.	1050	1110	1110	1180	980.	1050	1050	1050	1180
3	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1110	1050	1050	1050	1050	980.	1050	1050	1050	1050	1050	1050	1050	1050	1050	1110
4	1050	1050	1050	1050	1050	1050	1050	1050	1050	1110	1050	1050	1050	1050	1050	1110	1050	1110	980.	1050	1050	1050	1050	1050	1050	1110
5	980.	1050	1050	980.	980.	1050	1050	1050	1050	1050	1050	980.	1050	1050	1050	980.	980.	980.	980.	980.	980.	1050	980.	980.	1020	1050
6	980.	1050	980.	980.	980.	1050	1050	1050	980.	980.	980.	980.	980.	980.	980.	1050	980.	980.	980.	980.	980.	980.	980.	980.	990.	1050
7	980.	1050	980.	1050	1050	1050	1050	980.	980.	980.	980.	980.	1050	980.	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	1010	1050
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	1310	1310	1240	1380	1310	1440	1240	1180	1180	1180	1310	1180	1270	1440
9	1050	1240	1240	1110	1240	1240	1310	1240	1240	1240	1310	1180	1180	1110	1240	1240	1110	1180	1110	1110	1110	1380	1180	1380	1210	1380
10	1240	1110	1180	1050	1180	1180	1050	980.	1110	1110	980.	1110	1310	1050	1180	1240	1180	1110	1240	1180	1180	1310	1310	1310	1160	1310
11	1180	1050	1110	1310	1110	1110	1110	1180	1110	1240	1240	1050	1050	920.	(IM)	920.	920.	920.	850.	920.	920.	920.	920.	980.	1050	1310
12	920.	920.	920.	920.	980.	980.	980.	980.	920.	850.	850.	850.	920.	920.	920.	920.	920.	850.	980.	980.	920.	1440	920.	920.	940.	1440
13	920.	920.	850.	920.	920.	980.	920.	1180	790.	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	930.	1180
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
AV	1040	1050	1040	1040	1050	1070	1070	1080	1040	1060	1060	1040	1110	1050	1080	1080	1050	1070	1060	1060	1050	1120	1070	1080	1060	( )

HYDROCARBONS (METHANE REDUCED)
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	640.	590.	570.	640.	540.	500.	560.	540.	590.	560.	500.	570.	500.	590.	640.	490.	500.	470.	530.	650.	580.	510.	560.	510.	550.	650.
2	560.	630.	650.	750.	630.	610.	550.	600.	490.	400.	330.	510.	520.	450.	480.	540.	580.	590.	590.	660.	560.	520.	480.	530.	550.	750.
3	460.	460.	500.	490.	440.	360.	90.	430.	420.	(CA)	240.	310.	440.	770.	730.	890.	910.	950.	990.	930.	650.	570.	620.	620.	590.	990.
4	530.	490.	560.	440.	360.	460.	510.	700.	880.	1040	1020	990.	950.	860.	1080	1370	1130	920.	1300	1010	230.	280.	300.	320.	740.	1370
5	500.	510.	460.	460.	480.	460.	0.	360.	500.	440.	350.	300.	310.	350.	460.	520.	440.	360.	440.	400.	390.	370.	370.	430.	420.	520.
6	420.	360.	360.	360.	360.	290.	160.	410.	720.	980.	(CA)	900.	910.	310.	500.	550.	810.	660.	450.	270.	580.	940.	790.	1040	570.	1040
7	910.	950.	720.	1020	1100	1000	60.	820.	1010	840.	1050	1170	1150	1070	780.	640.	770.	660.	310.	520.	300.	540.	520.	340.	800.	1170
8	280.	800.	320.	290.	320.	470.	3 0.	360.	330.	300.	400.	350.	410.	310.	430.	330.	380.	390.	520.	460.	480.	440.	410.	390.	380.	520.
9	460.	370.	340.	390.	370.	290.	7 0.	510.	400.	420.	(CA)	60.0	90.0	310.	240.	200.	220.	150.	130.	140.	80.0	80.0	70.0	60.0	250.	510.
10	80.0	160.	70.0	110.	80.0	100.	90.0	100.	60.0	70.0	80.0	60.0	60.0	80.0	80.0	90.0	100.	110.	100.	120.	.00	150.	120.	60.0	90.0	160.
11	90.0	70.0	100.	90.0	70.0	100.	120.	110.	40.0	160.	50.0	60.0	40.0	130.	.00	190.	160.	210.	260.	240.	220.	270.	180.	130.	130.	270.
12	130.	130.	120.	110.	150.	170.	0.	170.	140.	120.	130.	80.0	100.	90.0	110.	90.0	110.	70.0	110.	180.	160.	140.	120.	170.	130.	180.
13	130.	220.	140.	150.	190.	200.	90.	140.	120.	90.0	60.0	40.0	50.0	50.0	10.0	20.0	50.0	.00	10.0	50.0	.00	30.0	50.0	80.0	90.0	220.
14	80.0	100.	120.	120.	140.	170.	130.	120.	70.0	130.	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	120.	170.
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(MT)	(CA)	480.	410.	350.	310.	270.	250.	240.	240.	220.	200.	200.	190.	190.	160.	270.	480.
16	120.	120.	100.	.00	110.	100.	90.0	140.	110.	100.	90.0	.00	130.	110.	80.0	60.0	60.0	30.0	40.0	30.0	50.0	50.0	40.0	60.0	80.0	140.
17	80.0	80.0	70.0	50.0	40.0	50.0	50.0	20.0	10.0	.00	.00	.00	.00	.00	.00	20.0	10.0	10.0	30.0	20.0	30.0	10.0	10.0	20.0	30.0	80.0
18	30.0	30.0	10.0	.00	.00	30.0	10.0	40.0	20.0	10.0	.00	.00	.00	.00	200.	.00	.00	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	20.0	200.
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
20	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	530.	340.	270.	270.	210.	210.	210.	210.	140.	270.	530.
25	230.	160.	120.	180.	180.	120.	0.	130.	130.	140.	200.	190.	200.	120.	60.0	60.0	60.0	70.0	60.0	60.0	210.	70.0	20.0	40.0	120.	230.
26	140.	80.0	80.0	80.0	120.	100.	160.	90.0	80.0	120.	80.0	70.0	70.0	70.0	60.0	60.0	60.0	60.0	120.	120.	120.	110.	120.	180.	100.	180.
27	200.	210.	200.	200.	250.	130.	0.	110.	50.0	40.0	(CA)	230.	310.	220.	250.	340.	270.	(PF)	270.	(FO)	(FO)	(FO)	(FO)	(FO)	210.	340.
28	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
29	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
30	(FO)	(FO)	(FO)	(FO)	(FO)	470.	410.	390.	400.	340.	150.	(MT)	260.	230.	160.	150.	130.	140.	100.	100.	150.	170.	160.	110.	220.	470.
31	130.	120.	60.0	60.0	80.0	90.0	60.	150.	140.	150.	150.	140.	140.	200.	140.	150.	210.	160.	160.	150.	160.	150.	160.	160.	140.	210.
AV	300.	290.	270.	290.	290.	290.	280.	290.	300.	310.	280.	310.	320.	300.	310.	330.	330.	310.	320.	310.	260.	280.	260.	260.	280.	( )

HYDROCARBONS (METHANE REDUCED)
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	170.	190.	190.	180.	190.	230.	180.	180.	190.	170.	180.	170.	190.	150.	160.	180.	160.	160.	170.	190.	190.	190.	220.	200.	180.	230.
2	230.	230.	230.	260.	240.	250.	270.	340.	310.	280.	(CA)	170.	160.	170.	140.	1050	160.	180.	140.	140.	160.	190.	250.	190.	250.	1050
3	200.	200.	210.	210.	210.	220.	260.	240.	260.	300.	220.	200.	190.	190.	200.	200.	180.	160.	190.	180.	200.	180.	220.	250.	210.	300.
4	270.	270.	300.	240.	220.	280.	280.	250.	240.	230.	190.	200.	170.	190.	170.	210.	210.	230.	190.	210.	200.	170.	200.	180.	220.	300.
5	180.	200.	250.	100.	240.	240.	20.	270.	230.	230.	(CA)	250.	(MT)	(MT)	(MT)	450.	350.	320.	310.	300.	270.	280.	250.	250.	260.	450.
6	270.	270.	280.	260.	310.	300.	280.	300.	480.	.00	300.	300.	260.	260.	310.	270.	270.	260.	270.	250.	240.	240.	290.	270.	270.	480.
7	270.	260.	320.	260.	350.	270.	280.	260.	290.	280.	280.	290.	270.	270.	280.	270.	270.	280.	270.	280.	270.	280.	340.	280.	280.	350.
8	290.	350.	340.	330.	340.	300.	330.	320.	310.	320.	330.	(CA)	300.	300.	300.	300.	300.	290.	280.	300.	290.	310.	320.	310.	310.	350.
9	370.	350.	330.	320.	340.	380.	330.	330.	330.	310.	300.	310.	290.	300.	300.	300.	310.	320.	310.	330.	340.	390.	340.	370.	330.	390.
10	340.	850.	350.	450.	350.	360.	[illegible]	350.	340.	350.	360.	310.	310.	320.	300.	310.	360.	330.	360.	320.	400.	370.	330.	370.	350.	450.
11	360.	360.	390.	370.	400.	390.	380.	370.	380.	390.	(CA)	300.	310.	340.	350.	350.	340.	330.	330.	340.	360.	450.	370.	460.	370.	460.
12	360.	400.	350.	390.	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	380.	400.
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
16	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
17	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
18	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	(CA)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(MT)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(MT)	(MT)	(MT)	(MT)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	280.	290.	300.	280.	290.	290.	290.	290.	310.	260.	270.	250.	250.	250.	250.	350.	260.	260.	260.	260.	270.	280.	280.	280.	280.	( )

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HYDROCARBONS [METHANE REDUCED]
(MICROGRAMS/CU. METER)
                                                      WHITE RIVER SHALE PROJECT,UTAH      *********************
                                                                                          *                   *
                                                      SITE A 6                            *  PRELIMINARY DATA *
                                                                                          *  AS OF 16 OCT 75  *
                                                      JULY,1975                           *                   *
                                                                                          *********************
                                                      AEROVIRONMENT INC.                  *                   *
                                                                                          *    Subject To     *
                                                                                          *     Revision      *
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                                   CLOCK HOUR  (LOCAL STANDARD TIME)
 D                                                                                                        P
 A                                                                                                        E
 T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE  A
 E                                                                                                        K

 1 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
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 7 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
 8 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
 9 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
10 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
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13 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
14 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
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16 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
17 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
18 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
19 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
20 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
21 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
22 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
23 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
24 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
25 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
26 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
27 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
28 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
29 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
30 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]
31 [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM] [IM][   ] [   ]

AV [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ] [  ][   ] [   ]
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CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
6	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
AV	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
6	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
16	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
17	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
18	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )

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DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
6	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
AV	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

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MAY,1975

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CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	20
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	10	10	10	10	10	10	10	10	10	10	20	20	10	10	10	10	10	10	10	10	10	10	10	10	10	20
10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	10	10	10	10	20
11	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
12	20	10	10	10	10	10	10	10	10	10	10	10	20	20	10	10	10	10	10	10	10	10	10	10	10	20
13	10	10	10	10	10	10	10	10	10	10	10	10	20	10	20	20	20	20	20	20	20	20	10	10	10	20
14	10	10	10	10	10	10	10	10	10	20	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20
15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	10
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	20	20	10	10	10	10	10	10	10	10	10	10	10	10	20
20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(MT)	(MT)	20	10	20	10	10	10	10	10	10	10	10	10	10	10	20
22	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	20
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	10	10	10	(PF)	10	80	20	20	10	10	10	10	10	10	10	10	10	80
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
27	10	10	10	10	20	20	20	10	10	10	(CA)	(CA)	(IM)	(IM)	(IM)	(IM)	(IM)	(PF)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	10	20
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	20	20	20	10	10	10	10	10	10	10	10	10	10	10	20
31	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	10	20
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	( )

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	10	10	10	10	10	20	10	20	10	20	10	10	10	10	10	20	10	10	10	10	10	10	10	10	20
2	10	10	10	10	10	10	10	10	10	10	(CA)	10	10	10	10	10	10	10	10	10	10	20	20	20	10	20
3	20	20	10	20	10	20	20	20	20	20	20	20	20	10	20	20	10	20	10	10	20	10	10	10	20	20
4	20	20	20	10	10	10	20	20	20	20	10	20	20	20	20	10	10	10	10	20	10	10	20	10	20	20
5	10	10	10	10	10	10	20	20	20	20	20	20	(MT)	(MT)	(MT)	(CA)	20	20	20	20	20	20	20	10	20	20
6	10	20	10	10	10	10	10	20	20	20	20	20	10	10	10	10	10	10	10	10	10	10	10	10	10	20
7	10	10	20	10	10	10	10	10	20	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	10	20
8	20	20	20	20	20	20	20	20	20	20	20	(CA)	20	20	20	20	20	20	10	10	10	10	20	20	20	20
9	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	(CA)	10	10	10	(CA)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	10	10
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
15	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	20	20	20	20	20	20	20	20	20	20	20
16	20	20	20	20	10	20	20	20	20	20	20	20	20	20	20	20	10	10	10	10	10	10	10	10	20	20
17	10	10	20	10	20	10	20	10	10	10	20	10	20	20	20	10	20	20	20	20	10	20	20	20	20	20
18	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
20	20	20	20	20	20	30	20	20	20	30	30	20	20	20	30	(CA)	30	30	30	30	30	20	20	20	20	30
21	20	20	20	20	20	10	20	20	20	20	20	20	20	20	20	30	30	20	30	30	30	30	30	20	20	30
22	30	30	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30
23	20	20	20	20	20	20	20	30	30	20	20	20	30	(PF)	50	(IM)	30	20	30	20	20	30	30	20	20	50
24	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	10	20	20	20	20
25	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	20	30
26	20	20	20	20	20	10	20	20	20	20	20	20	20	20	(CA)	(CA)	20	20	20	20	20	20	20	20	20	20
27	20	20	20	10	10	20	10	20	20	20	20	20	20	20	20	20	10	10	10	20	20	20	20	20	20	20
28	10	20	10	20	20	20	10	10	20	20	20	20	20	20	20	20	20	10	20	10	20	20	20	10	20	20
29	20	20	20	10	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	10	10	20	20	20
30	20	10	10	20	20	10	20	10	20	20	20	20	20	20	20	20	10	10	20	20	20	20	20	20	20	20
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	( )

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20	20	20	20	20	20	20
2	20	20	20	20	20	20	20	20	20	20	20	20	20	(CA)	20	20	20	20	20	20	20	20	20	20	20	20
3	20	20	20	20	30	20	20	30	30	30	30	20	20	20	20	40	40	40	40	40	40	40	40	40	30	40
4	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
5	40	40	50	50	40	40	40	40	40	40	50	40	50	40	40	(CA)	40	40	50	40	50	50	50	50	40	50
6	50	50	40	50	40	40	50	50	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	50
7	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	40	40
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(MT)	(MT)	(MT)	(MT)	(MT)	160	150	140	140	140	130	140	160
15	120	120	110	110	110	110	100	100	100	100	100	100	120	120	120	110	110	120	120	120	120	110	110	110	110	120
16	110	100	100	100	100	100	100	100	100	100	100	90	90	90	90	90	90	90	90	90	90	90	80	80	90	110
17	80	80	80	80	80	80	80	90	80	140	90	(CA)	70	80	80	80	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	80	140
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	100	100	100	100	90	90	90	90	80	80	80	80	80	80	90	100
21	80	80	80	80	80	80	80	80	80	70	70	70	80	70	70	70	70	70	70	70	70	70	70	70	70	80
22	70	70	70	70	70	70	70	70	70	70	70	70	70	70	60	60	60	60	60	60	60	60	60	60	70	70
23	60	60	60	60	60	60	60	60	60	60	60	60	(CA)	50	50	50	50	50	60	50	50	50	60	50	60	60
24	50	50	50	50	50	50	50	50	50	50	60	50	50	50	50	50	50	50	50	50	50	50	50	50	50	60
25	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	40	40	40	50	50	50	40	50	50
26	50	40	50	40	50	50	50	50	50	50	50	50	(CA)	40	40	40	40	40	40	50	40	40	40	40	40	50
27	40	40	40	40	40	50	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	50
28	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
29	40	40	40	40	40	40	40	40	40	40	40	40	40	50	50	50	50	50	50	50	50	50	50	50	40	50
30	50	50	50	50	50	50	50	50	50	50	50	50	50	50	40	40	40	40	40	40	40	40	40	40	50	50
31	40	40	40	40	40	50	40	40	40	40	40	40	40	40	40	40	40	30	40	40	40	40	40	40	40	50
AV	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	60	60	60	60	60	50	60	( )

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

MAY, 1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10	10
2	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10
3	10	0	0	0	0	0	0	10	0	0	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10
4	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10	10
5	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	0	0	0	0	0	0	0	0	0	0	10
6	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10	0	0	0	0	0	0	0	0	0	10
7	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	0	10	0	10	0	0	0	0	0	0	10
8	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10
9	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	10	0	10	10	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	0	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	0	0	0	0	10	10	10	10	0	10	10	10	10	10	0	0	0	0	0	0	0	10	10
15	0	0	0	0	0	0	0	0	0	10	0	0	10	0	10	0	0	0	0	0	0	0	0	0	0	10
16	r0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10	0	0	0	10	10	0	0	0	0	10
17	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	0	10	10
18	10	0	0	0	10	10	0	0	10	10	10	10	10	10	10	0	10	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	10
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	10	10	10	10	0	0	0	0	0	0	0	0	0	10
20	r0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(MT)	(MT)	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	(PF)	0	40	10	10	10	10	10	10	10	0	0	0	0	40
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	10	10	0	(CA)	(CA)	0	0	0	0	0	(PF)	0	0	0	0	0	0	0	10
28	r0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	(CA)	10	10	10	10	0	10	10	0	0	0	0	0	0	0	10
31	0	0	0	0	0	0	0	0	10	0	0	0	10	0	0	0	0	0	0	10	10	10	0	10	0	10
AV	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	0	10	0	0	0	0	0	0	0	0	( )

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	0	10	10	10	10	10	10	10	0	0	10	10	0	10	0	10	0	0	0	0	10	10
2	0	10	0	0	0	0	0	10	10	0	(CA)	0	10	0	0	10	10	0	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10	10	10	0	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	10	10	10	0	10	10	10	10	10	10	10
5	10	0	10	0	10	10	10	0	0	10	10	0	(MT)	(MT)	(MT)	(CA)	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	10	(CA)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	(CA)	10	10	10	(CA)	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	10	10
15	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	(CA)	10	10	10	10	10	10	10	10	10	20
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	10	10	10	10	10	10	(PF)	20	(IM)	10	10	10	10	10	10	10	10	10	20
24	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	(CA)	(CA)	10	10	10	10	10	10	10	10	10	10
27	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	( )

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	10	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	10	10
8	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[MT]	[MT]	[MT]	[MT]	[MT]	40	40	40	30	30	30	30	40
15	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
16	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	20	30	20	20	20	30	30
17	20	20	20	20	20	20	20	20	20	50	20	[CA]	20	20	20	20	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	20	50
18	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
19	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
20	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	40	30	30	30	20	20	20	20	20	20	20	20	20	20	20	40
21	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
22	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	10	20	20	10	20	10	20	10	20	20
23	20	20	20	10	10	10	20	20	20	20	20	20	[CA]	10	20	20	10	10	20	10	10	20	10	10	20	20
24	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10
27	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	10	20	10	10	20	20	20	10	20	10	20	20	20	20	10	20
30	10	10	10	20	10	10	10	20	20	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	20
31	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
AV	10	10	10	10	10	10	10	10	10	20	20	10	10	10	10	10	10	10	20	10	20	10	10	10	20	[ ]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	r0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 3	r0	r 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
r 2 5	2 r0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
r 2 7	2 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10
9	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	10	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	10
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10	10	10	10	10	0	0	0	0	10
14	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	0	0
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	10	10	0	0	0	0	0	0	0	0	0	0	0	0	10
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(MT)	(MT)	10	0	10	0	0	0	0	0	0	0	0	0	0	0	10
22	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	10
23	r0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	(PF)	0	20	0	0	0	0	0	0	0	0	0	0	0	20
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	10	10	10	0	0	0	(CA)	(CA)	(IM)	(IM)	(IM)	(IM)	(IM)	(PF)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	10
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)(	) (	)
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)(	) (	)
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	0	0	0	0	10	0	0	0	10	10	0	0	0	0	10
31	0	0	0	0	10	0	0	0	0	0	10	0	0	10	10	10	0	10	10	0	0	0	10	0	0	10
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (	)

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	10	0	0	0	0	0	0	0	10	10	0	0	10	0	10	0	0	10	10	0	0	10
2	10	0	0	0	0	0	0	0	0	10	(CA)	10	0	0	10	0	0	10	0	0	0	0	0	0	0	10
3	0	0	0	0	0	0	0	0	0	10	10	0	0	0	10	10	0	0	0	10	0	0	0	0	0	10
4	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	0	0	0	10	0	0	0	0	0	0	10
5	0	10	0	10	0	0	0	10	10	0	10	10	(MT)	(MT)	(MT)	(CA)	0	0	0	0	0	0	0	0	0	10
6	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
8	0	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	(CA)	0	0	0	(CA)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	( )	( )
15	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	10	0	0	0	0	0	0	0	0	0	10
16	0	0	0	0	0	0	10	10	0	10	10	10	0	0	10	0	10	0	0	0	0	0	0	0	0	10
17	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10	10	0	0	10
18	10	10	0	10	10	0	10	10	10	10	0	10	0	10	0	10	10	10	10	10	0	10	0	0	10	10
19	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
20	10	10	10	0	10	0	0	10	10	10	20	10	10	10	20	(CA)	20	10	20	20	10	10	10	10	10	20
21	10	10	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	0	10	10	0	10	10
23	0	0	0	10	10	10	10	10	10	10	10	0	10	(PF)	20	(IM)	10	10	10	10	10	10	10	10	10	20
24	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	0	0	0	0	0	0	10	10
25	10	10	10	0	10	10	0	10	10	10	10	10	10	0	0	0	10	0	10	0	0	10	10	10	10	10
26	0	0	0	0	0	0	0	0	0	0	0	0	10	10	(CA)	(CA)	0	10	10	10	0	0	0	0	0	10
27	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10	0	10	10	0	0	10
28	0	0	0	10	10	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
29	0	0	0	0	0	0	0	0	0	0	10	10	10	0	0	10	10	0	0	0	0	0	0	0	0	10
30	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10	10	10	10	0	10
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	0	0	0	0	0	0	0	0	0	10	10	0	0	0	10	0	0	0	0	0	0	0	0	0	0	( )

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	10	0	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10
2	0	0	0	0	0	0	0	10	0	10	10	10	0	(CA)	10	10	10	0	0	0	0	0	10	0	0	10
3	10	10	10	10	10	10	10	10	20	20	10	10	10	10	10	20	20	20	20	20	20	10	20	20	10	20
4	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
5	20	20	30	30	20	20	20	20	20	20	30	20	20	20	20	(CA)	20	20	30	20	30	30	30	20	20	30
6	30	20	20	30	20	20	30	30	20	20	30	30	30	20	30	30	20	20	20	20	20	20	20	20	20	30
7	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	20	20
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(MT)	(MT)	(MT)	(MT)	(MT)	100	90	80	80	80	80	90	100
15	80	70	70	70	70	60	60	60	60	60	60	50	70	70	70	60	60	70	70	70	70	60	70	60	70	80
16	60	60	50	60	60	60	60	50	60	60	60	50	50	50	50	50	50	50	50	50	50	50	50	50	50	60
17	50	50	50	50	50	50	50	50	50	60	50	(CA)	40	50	40	50	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	50	60
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
21	50	50	40	50	50	50	50	40	50	40	40	40	40	40	40	50	40	40	40	40	40	40	40	40	40	50
22	40	50	50	50	40	40	40	40	40	40	40	40	40	40	40	40	40	40	30	40	30	40	40	40	40	50
23	40	40	30	40	40	40	40	30	30	40	30	30	(CA)	20	30	30	30	30	30	30	30	30	30	30	30	40
24	30	30	30	30	30	40	30	30	40	40	30	30	40	30	30	30	30	30	30	30	20	30	30	30	30	40
25	30	30	30	30	40	30	30	30	30	30	30	30	20	30	30	30	30	30	20	20	30	30	30	20	30	40
26	30	20	20	20	30	30	30	30	30	30	20	20	(CA)	20	20	30	20	20	30	30	30	20	20	20	20	30
27	20	20	20	20	20	20	20	20	20	20	20	30	20	20	30	20	20	10	20	20	20	20	20	20	20	30
28	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
29	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30	20	30	30	20	30	30	20	30
30	30	30	30	20	30	20	30	20	30	20	20	20	20	20	20	20	20	20	20	20	30	20	20	20	20	30
31	20	20	20	20	20	30	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30
AV	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	( )

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	60	50	50	50	50	50	50	50	70	80	90	90	100	110	120	110	100	100	90	80	70	70	70	60	80	120
2	60	50	50	50	50	50	50	60	70	100	130	110	110	110	110	110	110	110	110	90	80	80	80	80	80	130
3	80	80	70	70	70	60	60	60	80	140	140	100	100	110	120	120	120	120	120	120	110	110	110	110	100	140
4	110	110	110	100	90	90	100	120	150	170	160	160	160	160	150	150	130	130	130	120	110	110	100	100	130	170
5	90	90	90	90	90	90	90	80	80	90	100	110	110	120	120	110	110	110	110	100	100	110	90	90	100	120
6	90	80	90	90	80	90	80	80	90	100	100	100	100	100	110	110	120	110	100	100	100	120	120	120	100	120
7	110	110	100	100	100	100	100	90	100	100	100	110	110	110	110	110	110	100	90	90	90	90	80	80	100	110
8	70	60	60	50	50	40	50	50	70	80	90	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	60	90
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
15	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	130	150	150	150	150	140	140	140	140	140	120	110	90	70	130	150
24	70	60	60	60	50	50	60	70	80	100	110	(PF)	130	100	120	120	120	120	120	120	110	110	110	100	90	130
25	90	80	100	120	140	150	170	180	180	180	170	180	180	180	180	180	190	180	180	170	140	120	150	150	160	190
26	130	120	100	90	90	90	90	100	120	130	140	150	150	150	160	160	160	150	140	110	100	90	80	80	120	160
27	110	140	130	120	120	100	90	110	120	120	(CA)	(CA)	130	140	140	140	130	(PF)	120	120	130	120	110	110	120	140
28	120	120	120	120	120	120	120	120	110	100	100	110	100	110	120	120	120	120	120	110	110	110	100	100	110	120
29	110	110	110	110	100	110	110	110	110	110	110	110	110	120	120	120	120	120	120	120	110	110	80	60	110	120
30	50	60	60	60	50	50	50	50	80	90	110	120	120	130	130	120	120	120	120	100	70	70	70	70	90	130
31	70	70	70	60	60	50	60	60	80	100	110	120	120	120	120	120	120	120	110	110	100	100	80	70	90	120
AV	90	90	90	80	80	80	80	90	100	110	120	120	120	130	130	130	130	120	120	110	100	100	100	90	100	( )

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	60	50	50	50	50	40	40	80	110	110	120	140	140	140	140	140	140	140	130	120	80	80	80	70	100	140
2	60	60	60	50	40	40	40	50	90	90	(CA)	110	110	110	110	100	90	90	80	80	100	70	70	70	80	110
3	60	50	50	50	50	50	40	50	70	90	110	120	120	130	130	120	120	120	110	120	140	130	120	100	90	140
4	80	70	70	70	60	60	70	80	90	100	120	120	130	130	140	140	140	140	130	110	80	80	80	70	100	140
5	70	70	60	60	60	60	60	70	100	110	110	120	(MT)	(MT)	(MT)	(CA)	130	130	120	100	80	80	70	80	90	130
6	80	70	70	70	70	70	60	70	100	110	110	120	100	100	90	100	100	100	90	80	50	60	50	60	80	120
7	60	60	50	50	50	50	50	60	90	90	100	100	120	120	120	120	100	100	100	100	80	90	100	90	90	120
8	90	80	70	80	80	70	70	80	90	90	90	(CA)	90	100	140	130	140	140	130	120	110	90	90	80	100	140
9	60	80	100	90	70	70	90	90	100	110	110	120	120	110	120	120	120	120	120	110	90	70	70	60	100	120
10	60	60	50	50	50	70	70	80	80	80	80	80	80	80	90	90	80	80	80	80	70	80	70	60	70	90
11	50	50	40	40	40	30	30	40	60	90	(CA)	90	100	100	100	110	120	120	120	110	90	90	80	90	80	120
12	80	70	60	60	50	50	50	60	80	90	100	100	110	110	110	110	110	110	110	110	100	90	90	80	90	110
13	60	60	60	60	50	50	50	60	70	90	90	100	100	110	110	110	110	110	120	110	120	90	80	80	90	120
14	70	70	80	90	80	70	60	70	70	80	90	100	100	110	110	120	(CA)	(CA)	(CA)	110	100	100	100	80	90	120
15	70	70	60	60	50	50	50	50	70	80	70	(MT)	(MT)	70	70	70	80	80	80	70	70	60	60	50	70	90
16	50	60	50	50	50	50	50	50	70	80	90	90	100	110	120	130	130	130	130	120	120	100	90	80	90	130
17	70	80	80	90	90	90	90	80	90	90	90	90	90	90	100	100	100	120	120	120	110	110	120	110	100	120
18	100	100	100	90	90	110	110	120	130	130	140	130	120	120	120	120	110	110	110	110	110	100	80	60	110	140
19	50	50	40	50	40	40	50	70	70	80	120	110	100	110	110	110	120	110	120	110	90	90	80	70	80	120
20	60	60	50	40	50	40	50	60	70	80	80	110	100	110	120	120	130	130	130	120	100	70	60	60	80	130
21	50	40	40	30	30	30	30	50	70	70	90	110	110	100	100	80	90	90	90	80	60	50	50	50	70	110
22	40	40	40	40	40	40	40	50	80	90	90	100	110	110	110	110	110	120	110	100	90	80	80	80	80	120
23	70	60	60	60	60	50	50	60	80	100	100	110	110	(PF)	110	(IM)	120	110	100	100	80	70	60	70	80	120
24	60	60	50	50	50	40	40	50	70	120	120	120	110	100	100	110	110	100	100	90	80	80	70	60	80	120
25	60	50	80	110	110	110	110	100	100	100	110	120	140	140	130	100	100	90	90	100	90	90	80	80	100	140
26	60	60	50	50	50	50	50	60	70	90	90	100	110	110	(CA)	(CA)	100	110	110	110	80	80	90	90	80	110
27	90	90	80	80	70	60	60	70	80	100	100	100	120	110	90	90	90	90	100	100	90	80	90	90	90	120
28	90	80	80	80	70	70	70	70	90	110	120	130	130	140	140	120	120	120	130	130	110	110	110	100	110	140
29	100	90	80	70	70	60	60	70	80	100	110	110	100	100	90	90	90	90	90	90	80	80	70	70	90	110
30	70	60	60	50	50	50	50	50	70	80	80	90	100	100	100	90	90	90	90	90	80	70	60	60	70	100
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	70	70	60	60	60	60	60	70	80	90	100	110	110	110	110	110	110	110	110	100	90	80	80	80	90	( )

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	60	60	50	50	50	50	40	50	70	80	90	100	100	100	100	100	100	100	100	100	90	80	70	70	80	100
2	60	60	60	50	50	40	40	60	70	80	90	100	100	(CA)	80	100	100	100	100	110	110	110	100	100	80	110
3	90	80	70	70	70	60	70	80	100	110	110	110	110	110	110	90	100	110	110	110	100	100	80	80	90	110
4	60	60	60	60	60	50	60	60	90	100	110	110	120	130	120	120	130	130	110	110	100	100	80	70	90	130
5	70	60	70	70	70	60	50	70	90	120	120	120	120	120	120	(CA)	120	120	110	110	120	120	110	100	100	120
6	100	90	60	60	60	60	60	80	100	110	110	130	120	120	130	120	120	120	120	110	100	80	70	70	100	130
7	70	70	70	60	60	50	50	60	90	110	100	110	110	120	120	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	80	120
8	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	100	120	110	110	110	100	100	100	90	100	90	90	70	60	100	120
9	50	40	40	40	70	50	50	80	90	100	100	100	110	100	110	110	110	110	100	100	90	80	80	70	80	110
10	70	50	40	40	30	30	40	50	70	90	100	100	110	110	100	100	100	100	100	90	100	100	90	80	80	110
11	80	80	60	50	50	40	40	50	70	100	100	100	(CA)	(CA)	100	100	100	90	90	90	90	90	90	80	80	100
12	80	80	70	60	40	40	50	90	100	100	110	110	110	100	100	100	100	110	100	100	90	90	90	90	90	110
13	80	70	70	60	70	80	70	90	110	110	110	110	110	110	110	120	130	140	150	150	140	110	90	80	100	150
14	80	70	60	60	60	50	60	70	90	100	120	140	150	150	150	140	150	150	150	150	150	130	120	130	110	150
15	140	130	120	100	80	90	90	90	120	130	130	130	120	110	120	120	110	100	80	70	90	70	60	40	100	140
16	50	70	80	60	50	40	30	50	60	90	90	90	100	110	100	110	110	110	100	100	110	100	90	70	80	110
17	50	40	40	40	30	20	30	40	60	100	90	(CA)	70	120	120	120	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	60	120
18	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
19	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	( )	( )
20	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	100	100	110	110	130	130	120	130	130	120	110	110	100	90	110	130
21	80	90	80	70	60	50	50	60	70	80	100	100	110	120	130	120	120	110	110	110	100	80	70	60	90	130
22	60	60	50	60	50	50	60	60	70	90	110	120	120	130	130	130	130	130	130	120	100	100	90	80	90	130
23	70	60	60	60	50	50	50	60	90	100	120	120	(CA)	90	120	120	120	120	120	110	90	70	70	70	90	120
24	70	60	60	60	50	50	50	60	80	90	110	120	120	110	110	120	130	120	120	110	110	80	80	80	90	130
25	80	70	60	60	60	50	60	60	80	100	110	120	120	130	140	140	140	150	150	140	130	110	90	80	100	150
26	80	70	60	60	60	50	60	70	90	90	110	120	(CA)	140	130	130	140	140	140	130	100	90	90	120	100	140
27	110	100	90	80	80	70	70	90	100	130	140	140	140	140	140	140	140	140	140	130	110	120	120	120	120	140
28	120	110	90	80	70	70	70	80	110	110	120	130	130	130	140	140	140	140	140	130	120	120	110	110	110	140
29	90	100	110	110	100	100	110	120	120	120	120	120	110	100	110	120	120	120	120	110	100	80	70	50	110	120
30	90	80	50	50	50	50	80	80	80	100	120	130	120	120	130	130	140	140	140	120	100	90	80	110	100	140
31	100	100	100	90	90	60	60	70	100	110	110	120	120	120	120	130	130	130	120	110	90	90	70	60	100	130
AV	80	70	70	60	60	50	60	70	90	100	110	110	110	120	120	120	120	120	120	110	100	100	90	80	90	( )

RADIATION
(MICRO R/HR.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
12	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
13	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
14	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
15	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
16	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
17	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
18	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
19	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
20	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
21	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
22	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
23	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
24	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
25	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
26	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	19.0	19.0	19.5	19.5	19.0	19.0	19.0	19.0	18.0	19.0	19.0	19.0	19.0	19.5
27	19.0	18.5	19.0	19.0	19.0	19.0	19.5	19.5	19.5	19.5	19.0	18.5	18.5	19.0	19.0	18.0	19.0	18.5	18.5	18.5	18.5	19.0	19.0	19.5	19.0	19.5
28	19.5	20.0	20.0	20.0	20.0	23.0	22.0	23.0	23.0	23.0	22.0	19.0	19.0	20.0	19.0	18.5	18.5	18.5	19.0	19.5	19.0	19.0	21.0	21.0	20.5	23.0
29	20.5	21.0	21.0	22.5	23.0	22.0	21.0	20.5	21.0	20.0	19.5	20.0	21.5	23.0	23.0	23.0	22.5	21.5	19.5	19.5	23.0	23.0	22.5	19.5	21.5	23.0
30	19.0	19.0	19.0	19.5	19.0	19.0	20.0	23.0	23.0	19.5	19.0	19.0	19.0	19.5	20.0	19.5	19.0	18.0	17.5	17.5	17.5	18.0	18.0	19.5	19.0	23.0
31	19.5	19.5	19.5	19.0	19.0	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.0	19.0	19.0	19.0	19.0	19.5	21.0	21.0	21.0	20.5	19.5	21.0
AV	19.5	19.5	19.5	20.0	20.0	20.5	20.5	21.0	21.0	20.5	20.0	19.0	19.5	20.0	20.0	19.5	19.5	19.0	19.0	19.0	19.5	20.0	20.0	20.0	19.5	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	25	30	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	20	30
15	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	15	15	20	20	25	15	20	20	20	20	20	20	20	25
16	20	15	20	15	20	20	20	25	25	30	20	25	20	25	30	20	25	25	25	25	20	20	20	20	20	30
17	15	15	25	20	25	2	20	20	25	25	25	25	30	25	25	25	25	25	25	25	20	25	25	20	25	30
18	20	20	20	20	20	20	25	20	20	20	25	20	25	25	20	20	20	[PF]	[PF]	[PF]	[PF]	[PF]	[FO]	[FO]	20	25
19	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	10	5	5	10	10	10	5	10	10	10	10
20	15	5	10	10	5		5	5	10	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	15
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	5	0	5	10	5	5	10	10	15	5	10	10	10	5	0	5	15
24	0	0	0	0	0	0	0	0	0	5	5	10	5	10	15	10	15	15	10	10	10	10	15	5	5	15
25	20	10	15	15	15	15	15	15	15	15	20	15	20	20	20	20	20	20	20	20	20	20	20	25	20	25
26	20	20	15	15	10	10	15	10	20	20	20	20	20	20	20	20	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	15	20
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	10	15	0	15	15	20	20	20	15	15	20
29	20	20	20	20	20	20	20	20	15	15	20	15	20	20	20	15	20	15	20	15	15	15	15	15	20	20
30	15	20	15	15	15	15	10	15	15	15	20	15	15	20	15	15	20	20	20	20	25	20	15	15	15	25
31	15	15	15	15	20	20	20	20	20	20	20	25	20	30	25	25	30	25	25	25	25	25	20	20	20	30
AV	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	10	15	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	30	30	20	25	20	2	20	30	25	25	25	25	25	30	20	25	25	25	25	25	25	20	20	20	25	30
2	25	20	25	25	25	25	30	25	30	25	25	25	25	25	25	25	30	30	30	25	25	25	25	25	25	30
3	25	30	20	0	0	0	0	0	0	0	0	0	0	0	0	5	20	25	20	10	15	5	5	10	10	30
4	10	5	5	5	5	0	0	10	10	10	15	10	20	20	15	20	15	20	15	15	15	5	5	10	10	20
5	5	10	5	10	5	10	10	10	10	20	15	20	15	15	20	20	20	25	25	20	25	20	20	15	15	25
6	20	10	0	10	10	10	15	10	5	5	10	10	15	10	15	20	10	20	15	20	20	25	20	20	15	25
7	20	15	20	20	15	15	20	15	20	20	15	15	20	20	25	20	20	25	20	10	5	20	10	10	15	25
8	15	15	15	15	15	10	15	20	15	25	25	25	15	20	25	20	15	25	25	20	15	15	20	10	20	25
9	20	15	20	25	20	0	0	0	0	0	0	0	0	0	15	5	15	15	10	0	5	5	5	5	10	25
10	5	5	0	0	0	0	0	0	10	10	15	20	15	20	15	15	15	10	5	10	5	10	0	5	10	20
11	5	5	5	0	5	5	5	5	5	15	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	15
12	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
13	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	15	15	10	10	10	10	10	10	10	15	15	15	15	15	20	20	20	20	20	15	15	15	15	15	15	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	[MT]	[MT]	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	5	5	5	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	5
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	5	0	0	5	0	0	10
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
6	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
7	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
8	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
9	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
11	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	20	25	20	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	20	25
15	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	10	15	10	15	15	10	15	15	15	15	15	15	15	15
16	10	10	15	19	15	15	15	15	20	20	15	20	15	20	20	20	20	20	20	20	20	20	20	20	20	20
17	15	20	20	15	15	20	15	15	15	15	20	20	20	20	20	20	20	15	15	20	15	15	20	15	20	20
18	15	15	15	15	15	15	15	15	15	15	15	20	20	20	15	15	15	(PF)	(PF)	(PF)	(PF)	(PF)	(FO)	(FO)	15	20
19	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	10	5	5	5	5	10	5	10	10	5	10
20	10	5	5	5	5	5	5	5	10	10	5	10	10	10	10	10	10	10	10	10	5	5	10	5	10	10
21	10	10	10	5	10	5	5	10	10	10	15	10	10	10	10	5	15	15	10	10	10	15	10	10	10	15
22	10	5	10	10	10	10	10	10	10	10	10	10	10	10	5	10	10	10	10	10	15	10	15	15	10	15
23	10	10	10	10	10	10	10	15	15	15	15	15	20	15	15	15	20	20	10	20	10	10	10	10	15	20
24	15	10	10	10	10	10	10	10	10	15	15	15	15	15	20	20	20	15	15	15	10	15	15	15	15	20
25	20	15	20	20	15	15	20	20	20	20	20	15	15	20	15	20	15	15	20	20	15	20	20	20	20	20
26	15	20	15	15	15	15	20	15	15	20	20	15	15	15	15	15	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	15	20
27	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	( )	( )
28	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	5	15	10	15	10	15	15	15	10	10	15
29	15	15	15	15	15	15	15	15	15	10	15	15	15	15	15	10	10	10	15	10	5	10	5	5	15	15
30	5	10	10	15	15	15	10	15	10	5	10	10	10	10	10	5	15	10	10	10	10	10	10	10	10	15
31	5	5	5	10	10	10	15	15	15	10	10	15	10	15	15	15	15	10	15	15	10	15	15	10	10	15
AV	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	10	15	15	10	15	( )

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	15	15	15	15	15	15	10	15	15	15	15	15	10	15	15	15	10	15	10	15	10	10	10	10	15	15
2	15	10	10	10	10	15	15	10	15	10	10	10	15	10	10	10	15	10	15	10	10	10	10	10	10	15
3	15	5	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	5	10	5	5	5	5	15
4	10	5	10	5	0	5	0	5	5	5	5	5	5	10	10	10	10	5	10	5	5	0	5	5	5	10
5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	10	5	5	5	5	10	5	10	10	5	10
6	10	5	0	5	5	5	5	5	5	0	5	5	5	5	5	5	0	5	5	10	5	10	5	5	5	10
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	0	0	5	5	5	5	10
8	0	0	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5
9	5	5	10	5	0	0	0	0	0	0	0	0	0	0	10	5	10	10	10	5	10	10	10	10	5	10
10	10	10	10	10	10	5	5	5	5	10	10	10	5	5	10	10	5	5	5	5	5	10	5	10	10	10
11	10	5	10	5	5	10	10	10	10	10	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	10	10
12	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
13	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	5	10	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	5	5	5	5	10	5	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	0	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5	0	5	5	0	5
3	0	0	0	0	0	0	0	0	0	0	0	5	5	(MT)	(MT)	5	0	5	0	5	0	0	0	0	0	5
4	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5	5	0	5	5	5	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	5	5	5	5	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	5	0	5	5	5	5	5	5	5	5	5	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	0	5	0	5	5	5	5	5	5	5	5	5	0	5	0	5
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	5
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	0	5
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	70	65	55	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	65	70
15	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	30	35	30	20	40	30	20	20	20	25	25	20	25	40
16	15	20	20	10	20	20	20	15	30	40	25	30	30	45	35	30	25	30	35	25	30	25	25	25	25	45
617	5 20	20	35	30	30	25	20	20	25	20	35	30	35	35	35	30	35	25	15	35	25	30	30	25	30	35
18	15	30	25	30	30	20	30	15	25	20	35	30	30	35	20	15	20	[PF]	[PF]	[PF]	[PF]	[PF]	[FO]	[FO]	25	35
19	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	20	25	15	20	20	15	25	15	25	20	20	25
20	25	15	20	25	15	20	15	15	20	15	10	20	25	20	30	25	20	15	20	30	15	15	10	10	20	30
21	15	5	10	15	5	10	15	15	25	20	15	20	10	20	20	20	25	20	35	20	15	25	15	10	15	35
22	25	15	20	10	15	20	10	25	10	15	20	30	15	10	5	20	25	25	15	20	15	20	15	25	20	30
23	5	10	10	15	15	20	15	10	15	20	20	25	35	25	25	35	25	45	30	30	30	30	35	15	25	45
24	10	20	15	15	10	15	15	25	20	25	30	20	20	25	35	35	30	25	25	25	25	30	30	25	25	35
25	30	30	30	35	25	30	35	20	30	35	30	25	25	25	25	40	35	20	25	30	30	30	25	35	30	40
26	35	40	30	25	15	25	20	25	25	30	35	35	40	35	25	30	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	30	40
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	20	20	15	10	15	15	0	25	20	15	25
29	20	25	20	15	15	25	25	15	15	5	15	20	20	25	30	15	30	10	35	15	20	25	15	15	20	35
30	15	30	30	15	25	20	5	15	5	25	25	20	15	15	25	20	25	35	25	35	20	15	20	20	20	35
31	5	15	15	10	15	15	30	25	20	25	20	35	50	35	25	15	25	25	30	30	25	15	20	25	25	50
AV	20	20	20	20	20	20	20	20	20	25	25	30	30	30	25	25	25	25	25	25	20	20	25	20	25	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JUNE,1975

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PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	30	25	15	25	25	25	15	25	20	30	30	20	25	40	35	25	25	35	30	30	20	15	10	15	25	40
2	25	15	25	20	25	20	30	20	30	15	20	20	30	25	30	15	35	30	30	25	35	25	25	20	25	35
3	0	0	0	5	5	5	5	0	10	15	15	15	20	5	10	15	45	40	35	20	30	20	15	20	15	45
4	30	15	15	20	15	10	5	20	20	20	25	20	20	5	30	25	25	25	25	25	25	15	15	25	20	30
5	7 25	30	20	20	25	25	15	15	15	30	20	20	20	15	35	30	35	35	35	35	25	25	25	10	25	35
6	30	25	25	30	20	15	20	30	15	15	20	15	35	25	30	25	20	30	30	30	20	20	15	25	25	35
7	20	20	30	20	15	20	20	10	35	15	20	20	15	10	25	20	20	30	20	15	5	30	20	30	20	35
8	30	25	15	30	25	25	30	35	30	25	25	30	25	25	25	10	10	25	25	25	30	25	30	5	25	35
9	20	25	20	0	0	0	0	0	0	0	10	5	10	30	35	5	25	20	10	0	25	20	15	15	10	35
10	15	10	5	15	15	0	10	0	10	15	15	25	15	15	20	5	20	15	15	15	15	20	0	20	15	25
11	20	10	10	5	20	5	0	10	5	15	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	10	20
12	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[ ]	[ ]
13	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	20	20	15	15	15	15	15	15	15	20	20	20	20	20	30	20	25	30	25	20	25	20	15	20	20	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	[MT]	[MT]	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5	0	0	5
29	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	45	45	45	45	45	45	45	45	40	40	45	45	45	45	45	45	45	45	45	40	40	45	45	45	45	45
2	45	45	45	45	45	50	45	45	45	50	45	45	45	45	45	45	45	45	45	45	40	35	45	45	45	50
3	45	45	45	45	45	45	45	45	45	45	45	45	45	45	40	40	40	40	40	40	40	40	40	40	45	45
4	40	45	40	45	40	45	40	40	40	40	40	40	40	40	35	35	35	35	35	40	40	45	45	45	40	45
5	50	60	60	60	60	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	45	45	45	45	45	45	45	45	45	45	50	60
6	50	55	60	60	60	[FO]	[FO]	[FO]	[FO]	[FO]	50	45	35	30	30	30	30	30	30	30	30	35	35	35	40	60
7	40	40	45	35	45	45	40	40	40	35	40	40	35	30	30	30	30	30	30	30	30	30	30	30	35	45
8	30	30	30	30	30	30	35	30	30	35	40	40	40	40	40	40	40	40	40	40	35	25	25	30	35	40
9	30	30	35	40	40	40	45	35	40	40	40	40	40	40	40	40	40	40	40	35	30	30	40	35	40	45
10	40	40	40	45	40	40	40	30	40	40	40	40	40	35	40	35	35	40	40	40	40	45	40	40	40	45
11	40	40	40	40	40	40	40	40	40	40	40	40	35	40	40	40	35	35	40	40	40	40	40	40	40	40
12	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
13	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	30	35	40	40	40	40	40	40	40
14	40	35	35	40	40	40	40	40	40	40	35	40	35	30	35	35	40	35	35	35	35	35	35	40	35	40
15	35	35	35	40	40	40	40	35	35	40	40	40	40	40	25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	35	40
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	5	5	5	0	0	5	0	0	5	5
AV	40	40	40	45	45	40	40	40	40	40	40	40	40	40	40	35	35	35	35	35	35	35	35	35	40	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A A

JUNE, 1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	5	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5
2	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	5	0	5	0	5	5
3	0	5	0	5	5	5	5	0	0	5	5	5	5	5	0	0	5	5	0	5	5	5	5	5	5	5
4	5	0	0	0	0	0	0	5	5	5	0	0	0	0	5	0	5	5	5	5	0	5	0	5	0	5
5	5	5	5	5	0	0	5	0	0	0	0	10	10	10	10	10	10	10	10	5	10	10	5	5	5	10
6	10	10	10	10	10	10	10	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	5	5	5	5	0	0	5	10	10	10	5	10	5	10	10	10	10	5	10	10	10	10	10	10	10
8	10	5	10	5	0	0	10	5	10	10	5	10	10	10	10	10	10	10	10	10	5	5	5	5	10	10
9	5	5	0	0	0	0	0	0	0	5	10	10	10	5	5	10	0	0	5	0	0	0	0	0	5	10
10	5	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	5	0	0	5	5	10
11	5	0	0	0	0	0	0	5	10	10	5	5	10	10	10	5	10	0	10	5	10	10	10	10	5	10
12	5	5	0	0	0	0	5	10	5	5	5	5	5	0	5	5	10	5	5	5	5	10	10	10	5	10
13	10	10	10	10	10	10	10	10	5	5	5	5	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	10	10
14	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	(CA)	5	10	10	10	10	5	0	0	5	10
15	5	10	5	10	10	5	10	10	10	10	10	10	5	10	10	10	10	10	5	10	5	5	5	0	10	10
16	0	0	5	0	5	5	5	5	5	5	5	0	0	0	0	5	0	0	5	5	10	5	5	5	5	10
17	5	5	0	0	5	0	5	0	10	0	0	0	0	10	5	5	5	5	5	5	0	0	5	5	5	10
18	10	10	10	10	5	5	10	5	10	5	10	10	5	0	10	5	5	5	10	5	10	5	5	10	5	10
19	5	5	5	10	10	10	5	5	10	10	10	0	0	5	0	5	5	5	0	5	10	10	5	5	5	10
20	w5	10	5	10	5	5	5	10	10	10	10	10	10	5	10	5	10	5	5	5	10	5	5	10	10	10
21	10	5	10	10	10	10	5	5	5	10	10	25	10	5	5	5	5	10	5	5	5	10	5	5	10	25
22	5	5	5	5	5	10	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	0	5	0	5	10
23	10	5	0	5	10	5	5	5	0	5	0	5	5	5	5	5	10	5	5	5	5	5	0	0	5	10
24	0	5	5	5	0	0	5	10	5	5	5	0	5	5	5	0	5	0	0	5	5	5	5	0	5	10
25	0	5	10	10	5	10	5	0	0	0	0	0	5	5	0	0	5	5	5	5	5	5	5	0	5	10
26	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5	0	5	0	0	0	5	10	5	10	5	10
27	10	10	5	10	5	5	5	5	0	5	10	0	10	5	5	10	10	5	10	5	0	5	5	5	5	10
28	5	5	5	0	0	0	0	5	5	5	10	10	10	10	5	5	10	10	5	5	0	5	5	5	5	10
29	5	0	0	5	5	5	0	0	5	5	10	5	10	10	10	10	10	5	10	10	5	0	0	0	5	10
30	0	0	0	0	0	0	0	5	10	10	10	10	10	10	5	5	5	10	5	10	5	0	0	0	5	10
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	( )

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	5	10	0	5	10	10	10	5	10	5	5	5	0	5	10	10	10	5	5	5	5	10
2	0	0	0	0	0	0	0	10	10	10	10	5	5	5	5	5	5	5	10	10	5	5	5	0	5	10
3	0	0	0	0	0	0	5	5	10	10	10	10	5	10	10	10	10	10	10	10	5	0	0	0	5	10
4	0	0	0	0	5	0	0	5	5	10	10	10	5	10	5	10	10	10	10	10	5	0	0	0	5	10
5	0	0	0	0	0	0	0	5	10	10	10	10	5	5	5	5	5	10	5	10	5	5	5	5	5	10
6	0	0	0	0	5	5	0	10	10	10	10	10	10	5	5	5	5	5	10	10	5	5	5	5	5	10
7	0	0	0	0	5	0	5	5	5	5	5	5	10	5	5	5	5	10	10	5	10	10	10	5	5	10
8	0	0	0	0	0	0	0	10	10	10	5	5	5	5	5	5	10	10	5	5	5	5	5	5	5	10
9	0	0	0	0	0	0	0	0	5	10	10	5	10	10	10	10	10	10	10	10	10	10	0	5	5	10
10	0	0	5	5	5	5	15	25	35	10	5	5	20	30	15	10	20	5	10	10	5	10	10	5	10	35
11	5	0	0	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	5
12	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
13	(IM)	(IM)	0	0	0	0	0	15	20	20	10	5	5	5	5	5	5	10	5	5	5	0	0	0	5	20
14	0	5	5	(IM)	(IM)	(IM)	(IM)	5	10	(IM)	(IM)	5	5	5	5	5	5	10	10	10	5	0	10	10	5	10
15	10	10	20	25	10	5	5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	10	25
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0	0	0	0	0	0
17	0	0	0	0	0	( )	( )	( )	( )	( )	5	5	5	5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	5
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	5	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	5	0	0	10	0	0	0	0	10	5	15	5	10	5	5	10	5	10	5	10	10	5	5	5	15
21	0	5	5	15	15	15	15	10	10	10	5	10	5	10	10	5	0	5	5	5	5	5	0	5	5	15
22	0	0	0	0	0	5	5	5	10	5	5	5	10	10	10	5	10	5	5	5	10	15	20	20	5	20
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	15	15	15	5	0	0	10	15
24	0	5	0	5	0	0	0	5	5	5	5	5	15	10	20	15	5	5	10	10	15	20	20	10	10	20
25	10	15	15	15	15	15	15	5	5	10	0	5	0	0	0	0	5	5	0	0	5	0	0	0	5	15
26	0	0	0	0	0	5	0	0	0	0	5	0	5	5	0	5	5	5	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	5	10	10	10	10	10	10	5	10
28	10	10	10	5	10	5	10	10	10	10	10	10	10	10	10	10	10	15	10	10	10	10	10	10	10	15
29	10	10	10	10	10	10	10	5	10	10	10	10	10	10	10	10	10	5	5	10	10	10	10	5	10	10
30	5	5	5	5	5	0	5	5	10	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	5	10
31	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
AV	0	5	5	5	5	5	5	5	10	10	5	5	5	10	5	5	5	5	10	5	5	5	5	5	5	( )

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	(FO)	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	(FO)	(FO)	(FO)	(FO)	(FO)	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0
16	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
20	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
21	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
31	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	0	0	0	0	0	0	0	0	0	0	0
AV	2 r0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	( )

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

JUNE,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	6 00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
13	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
14	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	r0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5
19	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	5	5	5	5	5	0	0	0	0	5	0	0	5	5	5	0	0	5	5	5	5	0	5	5
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	r0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	r0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	10	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (	)

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	10
2	5	5	5	5	0	0	5	0	5	0	5	5	5	5	5	0	5	5	5	5	0	5	5	5	5	5
3	0	5	5	5	0	0	0	5	0	5	5	5	0	0	5	5	5	5	5	5	5	0	0	0	5	5
4	0	0	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	10	5	0	5	5	10
5	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	0	0	5	5	5	5	0	5	0	0	5	5	5	0	5	5	5	0	5	0	5	5	5	5	5	5
7	5	5	0	5	5	5	5	0	0	0	10	5	0	5	5	5	5	5	5	0	5	5	5	5	5	10
8	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	10
9	5	0	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	10	5	5	5	0	5	5	5	5	10
11	5	0	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	0	0	0	0	5	0	5	5
12	5	5	0	0	5	5	5	0	5	5	0	5	5	5	5	0	5	5	5	5	0	0	5	5	5	5
13	5	10	5	5	5	5	5	0	0	5	5	5	5	5	5	5	0	5	5	5	5	0	5	5	5	10
14	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	10	5	10
15	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
16	5	5	0	5	5	5	5	5	5	5	10	15	10	5	10	5	10	10	5	0	0	0	0	0	5	15
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	10
18	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	10
19	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	10
20	5	10	5	10	5	10	5	5	10	10	5	10	5	10	10	10	10	5	10	5	5	5	10	10	10	10
21	10	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	10
22	5	5	5	5	5	5	5	5	5	10	15	5	5	5	5	5	5	10	5	5	5	5	10	5	5	15
23	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	10
24	5	10	5	5	5	5	5	10	10	5	5	10	5	5	10	5	5	5	5	10	5	5	5	10	5	10
25	10	10	10	10	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	10
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	10
28	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
29	5	10	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	0	5	5	5	5	0	5	10
30	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	10
31	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	10	5	5	10	5	5	5	5	5	10
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	( )

Moore Business Forms, Inc.

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          RADIATION
          (MICRO R/HR.)
                                                    WHITE RIVER SHALE PROJECT,UTAH     *********************
                                                                                       *                   *
                                                    SITE A  8                          *  PRELIMINARY DATA *
                                                                                       *  AS OF 15 OCT 75  *
                                                    MAY,1975                           *                   *
                                                                                       *********************
                                                    AEROVIRONMENT INC.                 *                   *
                                                                                       *    Subject To     *
                                                                                       *     Revision      *
                                                                                       *                   *
                                                                                       *********************

                                     CLOCK HOUR  (LOCAL STANDARD TIME)
 D                                                                                                                         P
 A                                                                                                                         E
 T   00   01   02   03   04   05   06   07   08   09   10   11   12   13   14   15   16   17   18   19   20   21   22   23  AVE  A
 E                                                                                                                         K

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26 (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  )(   ) (   )
27 (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  ) (  )(   ) (   )
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RADIATION
(MICRO R/HR.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

JUNE,1975

AEROVIRONMENT INC.

****
PRELIMINARY DATA
AS OF 15 OCT 75
****
Subject To
Revision
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
12	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
13	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
14	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
15	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	13.5	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.5	13.0	13.5	13.5	13.0	13.5
16	13.5	14.0	14.0	14.0	14.0	14.0	13.0	11.5	11.0	12.0	14.0	13.5	13.5	13.5	13.5	13.0	13.0	13.0	13.0	13.5	13.0	13.5	13.0	13.5	13.0	14.0
17	14.0	14.0	14.0	13.0	11.5	10.5	0.5	10.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.5	11.5	11.5	11.5	11.0	11.0	12.0	13.5	11.5	14.0
18	13.0	12.5	11.0	11.0	11.0	11.0	.0	11.0	12.5	11.5	11.5	11.5	11.5	12.0	11.0	11.5	11.5	11.0	11.0	11.0	11.0	12.0	12.0	11.0	11.5	13.0
19	11.0	11.0	11.5	11.0	11.5	12.0	2.0	12.0	12.0	11.5	11.5	11.5	11.5	11.0	11.0	11.0	11.0	11.5	12.0	11.5	11.5	12.0	12.0	12.0	11.5	12.0
20	12.0	12.5	12.5	12.5	12.5	12.5	.5	12.5	12.5	12.5	12.5	12.0	12.0	12.0	11.0	11.5	11.5	11.5	11.5	11.5	11.5	12.0	12.0	12.0	12.0	12.5
21	12.0	12.0	12.0	12.0	12.0	12.0	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	12.0	12.0
22	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	[ ]	[ ]
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	[ ]	[ ]
24	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	[ ]	[ ]
25	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	[ ]	[ ]
26	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	[ ]	[ ]
27	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	[ ]	[ ]
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	[ ]	[ ]
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	[ ]	[ ]
30	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	12.5	12.5	12.5	12.5	12.0	12.0	13.0	11.5	12.0	11.5	12.5	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.5	12.5	12.5	12.0	[ ]

RADIATION
(MICRO R/HR.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JULY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 02 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	26.5	26.0	25.5	25.0	25.0	25.5	25.5	25.0	25.0	25.0	26.0	25.5	25.0	25.5	26.5
12	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
13	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
14	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
15	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]	[ ]	[ ]
16	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
17	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
18	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
19	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
20	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
21	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
22	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
23	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
24	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
25	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
26	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
27	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
28	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
29	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	26.5	26.0	25.5	25.0	25.0	25.5	25.5	25.0	25.0	25.0	26.0	25.5	25.0	25.5	[ ]

RADIATION
(MICRO R/HR.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

MAY,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 OCT 75

Subject To
Revision

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1																										
2																										
3																										
4																										
5																										
6																										
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8																										
9																										
10																										
11																										
12																										
13																										
14																										
15																										
16																										
17																										
18								16.0	16.0	16.0	16.0	15.5	15.5	15.5	15.5	15.5	15.5	15.5	16.5	16.0	16.0	16.0	16.0	16.0	16.0	16.5
19	16.0	16.0	16.5	16.5	16.5	16.5	16.5	16.5	16.0	16.0	16.0	16.0	16.0	15.0	15.0	15.5	16.0	16.0	16.0	15.0	16.0	16.0	16.0	16.0	16.0	16.5
20	16.0	16.5	16.5	18.0	17.0	17.0	17.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	17.0	17.0	17.5	18.0	18.0	18.0	18.0	17.0	18.0
21	17.5	18.5	23.0	18.0	17.0	16.5	16.0	16.0	16.0	16.0	16.0	16.0	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.0	15.5	15.5	15.5	15.5	16.5	23.0
22	15.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	17.0	19.5	17.0									16.5	19.5
23																										
24																										
25																										
26																										
27																										
28																										
29																										
30																										
31																										
AV	16.5	17.0	18.0	17.0	16.5	16.5	16.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.5	16.0	16.0	16.0	16.5	16.0	16.5	16.5	16.5	16.5	16.5	

PRELIMINARY DATA
Subject to further revision.

HIGH VOLUME FILTERS

WHITE RIVER SHALE PROJECT, UTAH

RUN DATE	SITE	FILTER NO.	INT. WT. (gms)	FIN. WT. (gms)	TIME (min)	FLOW RATE (cu m/min)	FLOW VOL (cubic m)	PARTICULATE WT. (microgms/cubic m)
5/30/75	4	WRU 127	3.901	3.916	1440	1.045	1505	10.0
5/30/75	6	WRU 128	3.867	3.877	1440	1.000	1440	6.9
5/18/75	7	WRU 129	3.894	3.917	1441	1.055	1520	15.1
5/18/75	8	WRU 130	3.828	3.915	1011	1.047	1059	82.2
5/18/75	5	WRU 131	3.876	3.917	1416	1.052	1490	27.5
5/18/75	3	WRU 132	3.860	3.888	1440	1.070	1541	18.2
5/24/75	2	WRU 133	3.880	3.905	2880	1.057	3044	8.2 *RAN 2 DAYS 5-24/5-30
5/24/75	1	WRU 134	3.849	3.874	2880	1.051	3027	8.3 *RAN 2 DAYS 5-24/5-30
5/24/75	4	WRU 135	3.867	3.885	1441	1.045	1506	12.0
5/30/75	3	WRU 136	3.884	3.895	1441	1.070	1542	7.1
5/30/75	7	WRU 137	3.869	3.883	1440	1.055	1519	9.2
6/ 5/75	1	WRU 138	3.879	3.905	1440	1.051	1513	17.2
6/ 5/75	2	WRU 139	3.867	3.911	1440	1.057	1522	28.9
6/11/75	5	WRU 140	3.881	3.891	1478	1.052	1555	6.4
6/ 5/75	6	WRU 141	3.866	3.942	2103	1.000	2103	36.1
6/11/75	4	WRU 142	3.844	3.868	1441	1.045	1505	15.9
6/11/75	6	WRU 143	3.876	3.917	1427	1.000	1427	28.7
5/24/75	7	WRU 145	3.847	3.851	1440	1.055	1519	2.6
5/24/75	6	WRU 146	3.843	3.867	655	1.000	655	36.6
5/24/75	8	WRU 147	3.862	3.882	1441	1.047	1509	13.3
5/24/75	5	WRU 148	3.860	3.888	1440	1.052	1515	18.5
5/24/75	3	WRU 149	3.844	3.856	1440	1.070	1541	7.8
6/23/75	8	WRU 150	3.829	3.882	1374	1.047	1439	36.8
6/23/75	5	WRU 151	3.828	3.906	1440	1.052	1515	51.5
6/17/75	2	WRU 152	3.851	3.914	1440	1.057	1522	41.4
6/17/75	1	WRU 153	3.857	3.931	1440	1.051	1513	48.9
6/11/75	2	WRU 154	3.834	3.844	1440	1.057	1522	6.6
6/ 5/75	7	WRU 155	3.817	3.819	1440	1.055	1519	1.3
6/11/75	7	WRU 157	3.816	3.828	1440	1.055	1519	7.9
6/11/75	8	WRU 158	3.818	3.836	1376	1.047	1441	12.5
6/ 5/75	5	WRU 159	3.828	3.936	1524	1.052	1603	67.4
6/11/75	3	WRU 160	3.785	3.794	1441	1.070	1542	5.8
6/ 5/75	8	WRU 161	3.802	3.841	2821	1.047	2954	13.2
6/ 5/75	7	WRU 162	3.813	3.839	1440	1.055	1519	17.1
6/ 5/75	3	WRU 163	3.814	3.844	3440	1.070	3681	8.2
6/11/75	1	WRU 164	3.834	3.844	1440	1.051	1513	6.6
6/29/75	1	WRU 165	3.846	3.884	1440	1.051	1513	25.1
6/29/75	5	WRU 166	3.858	3.941	1353	1.052	1423	58.3
6/29/75	8	WRU 167	3.839	3.843	1439	1.047	1507	2.7
6/29/75	2	WRU 168	3.842	3.864	1440	1.057	1522	14.5
7/ 5/75	1	WRU 169	3.854	3.895	1440	1.051	1513	27.1
7/ 5/75	2	WRU 170	3.844	3.875	1440	1.057	1522	20.4
7/ 5/75	4	WRU 171	3.872	3.906	1440	1.045	1505	22.6
7/11/75	2	WRU 172	3.842	3.868	1440	1.057	1522	17.1
6/29/75	6	WRU 173	3.844	3.883	642	1.000	642	60.8
6/29/75	4	WRU 174	3.859	3.888	1440	1.045	1505	19.3

PRELIMINARY DATA
Subject to further revision.

HIGH VOLUME FILTERS

WHITE RIVER SHALE PROJECT, UTAH

RUN DATE	SITE	FILTER NO.	INT. WT. (gms)	FIN. WT. (gms)	TIME (min)	FLOW RATE (cu m/min)	FLOW VOL (cubic m)	PARTICULATE WT. (microgms/cubic m)
6/29/75	7	WRU 175	3.863	3.886	1440	1.055	1519	15.1
6/29/75	3	WRU 176	3.833	3.857	1440	1.070	1541	15.6
7/ 5/75	7	WRU 177	3.837	3.863	1440	1.055	1519	17.1
7/ 5/75	5	WRU 178	3.849	3.905	1539	1.052	1619	34.6
7/ 5/75	8	WRU 179	3.846	3.897	1440	1.047	1508	33.8
7/ 5/75	3	WRU 180	3.848	3.879	1441	1.070	1542	20.1
7/11/75	4	WRU 181	3.859	3.893	1441	1.045	1506	22.6
7/11/75	1	WRU 182	3.829	3.871	1440	1.051	1513	27.8
6/17/75	6	WRU 183	3.843	3.947	1393	1.000	1393	74.7
6/17/75	8	WRU 184	3.858	3.891	1440	1.047	1508	21.9
6/17/75	5	WRU 185	3.847	3.937	1280	1.052	1347	66.8
6/17/75	4	WRU 186	3.835	3.921	1440	1.045	1505	57.1
6/23/75	4	WRU 187	3.835	3.858	1441	1.045	1505	15.3
6/23/75	6	WRU 188	3.854	3.887	777	1.000	777	42.4
6/23/75	7	WRU 189	3.849	3.873	1440	1.055	1519	15.8
6/23/75	1	WRU 190	3.837	3.856	1440	1.051	1513	12.6
6/23/75	2	WRU 191	3.817	3.837	1440	1.057	1522	13.1
6/23/75	3	WRU 192	3.847	3.869	1440	1.070	1541	14.3
7/11/75	8	WRU 193	3.824	3.867	1440	1.047	1508	28.5
7/11/75	5	WRU 194	3.824	3.897	1440	1.052	1515	48.2
7/11/75	3	WRU 195	3.809	3.838	1441	1.070	1542	18.8
7/11/75	7	WRU 197	3.807	3.833	1440	1.055	1519	17.1
7/17/75	5	WRU 198	3.818	3.856	1440	1.052	1515	25.1
7/17/75	8	WRU 199	3.803	3.815	349	1.047	366	32.8
7/17/75	3	WRU 200	3.777	3.809	1440	1.070	1541	20.8
7/17/75	7	WRU 201	3.809	3.840	1440	1.055	1519	20.4
7/17/75	4	WRU 202	3.817	3.845	1440	1.045	1505	18.6
7/17/75	2	WRU 203	3.794	3.820	1440	1.057	1522	17.1
7/17/75	1	WRU 204	3.789	3.821	1440	1.051	1513	21.1
7/17/75	6	WRU 205	3.805	3.827	948	1.000	948	23.2
7/23/75	7	WRU 206	3.815	3.843	1440	1.000	1440	19.4
7/23/75	5	WRU 207	3.816	3.868	1441	1.052	1516	34.3
7/23/75	6	WRU 208	3.806	3.865	1823	1.000	1823	32.4
7/23/75	8	WRU 209	3.815	3.861	1440	1.047	1508	30.5
7/23/75	4	WRU 210	3.816	3.849	1440	1.045	1505	21.9
7/23/75	3	WRU 211	3.795	3.827	1440	1.070	1541	20.8
7/23/75	1	WRU 212	3.796	3.832	1440	1.051	1513	23.8
7/23/75	2	WRU 213	3.819	3.847	1440	1.057	1522	18.4
7/29/75	5	WRU 214	3.816	3.836	649	1.052	683	29.3
7/29/75	8	WRU 215	3.840	3.876	1440	1.047	1508	23.9
7/29/75	1	WRU 216	3.846	3.872	1440	1.051	1513	17.2
7/29/75	2	WRU 217	3.853	3.869	1440	1.057	1522	10.5
7/29/75	6	WRU 219	3.851	3.888	1440	1.000	1440	25.7
7/29/75	3	WRU 222	3.857	3.874	1440	1.070	1541	11.0
7/29/75	7	WRU 223	3.832	3.851	1440	1.055	1519	12.5

RADIATION SURVEY

WHITE RIVER SHALE PROJECT

Date	Time	Site	Position	Height	Soil	Flux			Initial
						cpm	mR/hr*	mrad/hr	
May 75	1040	A8	0	0	Snow-dirt	5500	.015	.011	GWC (Transcr by IH
			0	1m	"	5500	.015	.010	
			100'N	1m	wet dirt	6500	.018	.011	
			100'E	1m	"	6000	.017	.014	
			100'S	1m	"	6500	.018	.012	
			100'W	1m	"	7000	.020	.014	

*For PUG-1E with PGS-3L probe, 10,000 cpm = 0.028 mR/hr

RADIATION SURVEY

WHITE RIVER SHALE PROJECT

Date	Time	Site	Position	Height	Soil	Flux			Ini
						cpm	mR/hr*	mrad/hr	
May 75	0630	A12	0	0	Dry dirt with grass	9000		0.014	GW
↕	↕	↕	0	1m		9000		0.014	↕
↕	↕	↕	100N	1m	↕	8500		0.016	↕
↕	↕	↕	100E	1m	↕	9000		0.020	
↕	↕	↕	100S	1m	Dry dirt	9000		0.014	
5 May 75	0630	A12	100W	1m	with grass	9500		0.023	GW

*For [illegible]

RADIATION SURVEY

WHITE RIVER SHALE PROJECT

Date	Time	Site	Position	Height	Soil	Flux			Initi
						cpm	mR/hr*	mrad/hr	
5May75	0630	A12	0	0	Dry dirt with grass	9000	.025	0.014	GWC
			0	1m		9000	.025	0.014	
			100N	1m		8500	.024	0.016	
			100E	1m		9000	.025	0.020	
			100S	1m	Dry dirt	9000	.025	0.014	
5May75	0630	A12	100W	1m	with grass	9500	.027	0.023	GWC
MAY75	0900	A1	0	0	DRY DIRT w/Rocks	7500	.021	0.010	[illegible]
			0	1m		7500	.021	0.010	
			100N	1m		7000	.020	0.008	
			100E	1m		7500	.021	0.011	
			100S	1m		7500	.021	0.010	
1 MAY75	0900	A1	100W	1m		7500	.021	0.010	[illegible]
June75	1040	A9	0	0	DRY ROCKY DIRT	6000	.017	0.008	[illegible]
			0	1m		6000	.017	0.007	
			100N	1m	"	11,000	.031	0.016	
			100S	1m		8,500	.024	0.009	[illegible]

Impossible to get readings E & W due to location of site on ridge

*For PUG-1E with PGS-3L probe, 10,000 cpm = 0.028 mR/hr

RADIATION SURVEY

WHITE RIVER SHALE PROJECT

Date	Time	Site	Position	Height	Soil	Flux			Initi
						cpm	mR/hr*	mrad/hr	
July 75	1300	A2	0	0	Dry Rocky Dirt	9,500		.011	
			0	1m		9,000		.008	
			100' N	1m		8,000		.006	
			100' E	1m		9,000		.005	
			100' S	1m		8,000		.006	
			100' W	1m		8,500		.006	
July 75	1030	A4	0	0	Dry Rocky Dirt	10,500		.005	
			0	1m		10,000		.005	
			100' N	1m		8,500		.004	
			100' E	1m		8,000		.004	
			100' S	1m		9,000		.005	
			100' W	1m		10,500		.005	
July 75	1135	A11	0	0	Dry Rocky Dirt	12,000		.004	
			0	1m		11,000		.004	
			100' N	1m		19,000		.015	
			100' E	1m		9,000		.004	
			100' S	1m		6,000		.003	
			100' W	1m		9,000		.004	
July	1210	A6	0	0	Dry Dirt	8,000		.006	
			0	1m		7,500		.006	
			100' N	1m		7,000		.005	
			100' E	1m		7,000		.005	
			100' S	1m		6,500		.004	
			100' W	1m		7,000		.006	

*For PUG-1E with PGS-3L probe, 10,000 cpm = 0.028 mR/hr

PRELIMINARY DATA
Subject to further revision.

LEVEL OF COMPLETION
✓ 1st QC
✓ Entry errors corr'd
✓ Calibrated
____ Final Calibration
____ Final QC

Thermo-Luminescent Dosimetry Record
White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
A1	46	24 June 75	24 July 75	3.9	JGB
↓	47	↓	↓	3.9	JGB
↓	50	↓	↓	3,9	JGB
A2	39	27 June 75	24 July 75	4.9	JGB
↓	45	↓	↓	4.7	JGB
↓	48	↓	↓	4.9	JGB
A 3	22	24 June 75	27 July 75	3.5	JGB
↓	33	↓	↓	3.5	JGB
↓	44	↓	↓	3.5	JGB
A4	04	23 June 75	23 July 75	5.3	JGB
↓	05	↓	↓	5.1	JGB
↓	06	↓	↓	5.3	JGB
A5	08	23 June 75	26 July 75	3.3	JGB
↓	11	↓	↓	3.2	JGB
↓	18	↓	↓	3.2	JGB
A6	10	23 June 75	23 July 75	4.4	JGB
↓	15	↓	↓	4.9	JGB
↓	17	↓	↓	5.1	JGB
A 7	21	24 June 75	27 July 75	4.6	JGB
↓	29	↓	↓	4.7	JGB
↓	40	↓	↓	4.6	JGB

PRELIMINARY DATA
Subject to further revision.

LEVEL OF COMPLETION
✓ 1st QC
✓ Entry errors corr'd
✓ Calibrated
___ Final Calibration
___ Final QC

Thermo-Luminescent Dosimetry Record
White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
A8	12	23 June 75	26 July 75	2.8	JGB
↓	14	↓	↓	3.3	JGB
	16			3.3	JGB
A9	37	24 June 75	24 July 75	4.4	JGB
↓	42	↓	↓	4.2	JGB
	43			3.9	JGB
A10	28	24 June 75	27 July 75	4.0	JGB
↓	34	↓	↓	4.0	JGB
	38			3.9	JGB
A11	01	23 June 75	23 July 75	6.0	JGB
↓	02	↓	↓	5.6	JGB
	03			6.0	JGB
A12	07	23 June 75	26 July 75	4.2	JGB
↓	09	↓	↓	4.2	JGB
	13			4.2	JGB

CUSTOMER Aerovironment, Inc.

ATTENTION Michael Chan

ADDRESS 145 Vista Avenue

TY Pasadena, California 91107

ACK. NO. 2802

SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulates for Gross Alpha/Beta	#45327	9-11-75

Customer Identification	Date Collected	pCi/M^3
WRU-0075 A2	4-6-75	Alpha-8.0 ± 2.8 E-03 Beta -1.5 ± 0.2 E-01
WRU-0122 A2	5-12-75	Alpha-3.8 ± 2.1 E-03 Beta -1.4 ± 0.1 E-01
WRU-0139 A2	6-5-75	Alpha-9.9 ± 4.1 E-03 Beta -1.4 ± 0.1 E-01
WRU-0170 A2	7-5-75	Alpha-6.6 ± 3.6 E-03 Beta -4.8 ± 1.1 E-02
WRU-0073 A6	4-6-75	Alpha-7.5 ± 3.9 E-03 Beta -8.4 ± 1.3 E-02
WRU-0118 A6	5-6-75	Alpha-0.0 ± 3.0 E-03 Beta -5.2 ± 1.2 E-02
WRU-0141 A6	6-5-75	Alpha-5.6 ± 2.8 E-03 Beta -5.1 ± 0.9 E-02
WRU-0205 A6	7-17-75	Alpha-0.0 ± 4.5 E-03 Beta -4.2 ± 1.7 E-02

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REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulate for Ge-Li	#45327	9-11-75

Sample Type-A.P.
Sample I.D.-WRU-0075
Sample No.-A2
Date Collected-4-6-75

Date Control-September 11, 1975
Time Control-1055
Minutes Counted-100
Sample Volume-708 M^3

Isotope	pCi/M^3
K-40	Less than 1.4 E-01
Nb-95	1.1 ± 1.0 E-02
Cs-137	Less than 1.1 E-02
Bi-214	Less than 3.8 E-02
Tl-208	Less than 1.2 E-02
Sb-125	Less than 4.5 E-02
Pb-214	Less than 3.6 E-02
Pb-212	Less than 3.3 E-02
Ra-226	Less than 3.6 E-01
Ce-144	6.7 ± 5.1 E-02
Zr-95	1.7 ± 0.7 E-02

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SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulate for Ge-Li	#45327	9-11-75

Sample Type-A.P.
Sample I.D.-WRU-0122
Sample No.-A2
Sample Volume-761 M^3

Date Control-September 11, 1975
Time Control-1308
Minutes Counted-100
Date Collected-5-12-75

Isotope	pCi/M^3
Bi-214	Less than 9.4 E-02
K-40	1.5 ± 1.0 E-01
Nb-95	8.7 ± 7.7 E-03
Cs-137	9.5 ± 8.9 E-03
Tl-208	Less than 1.2 E-02
Sb-125	Less than 4.0 E-02
Pb-212	Less than 3.0 E-02
Ce-144	9.0 ± 5.0 E-02
Zr-95	Less than 1.3 E-02

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SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulate for Ge-Li	#45327	9-11-75

Sample Type-A.P.
Sample I.D.-WRU-0139
Sample No.-A2
Sample Volume-761 M^3

Date Control-September 11, 1975
Time Control-1400
Minutes Counted-100
Date Collected-6-5-75

Isotope	pCi/M^3
K-40	Less than 1.5 E-01
Nb-95	1.3 ± 0.9 E-02
Cs-137	Less than 1.1 E-02
Pb-212	Less than 2.9 E-02
Ce-141	Less than 2.4 E-02
Ce-144	1.0 ± 0.5 E-01
Zr-95	Less than 8.1 E-03

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SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulate for Ge-Li	#45327	9-11-75

Sample Type-A.P.
Sample I.D.-WRU-0170
Sample No.-A2
Sample Volume-761 M^3

Date Control-September 12, 1975
Time Control-1849
Minutes Counted-100
Date Collected-7-5-75

Isotope	pCi/M^3
K-40	Less than 1.7 E-01
Cs-137	Less than 9.9 E-03
Pb-214	Less than 3.4 E-02
Pb-212	Less than 3.1 E-02
Bi-214	Less than 3.5 E-02

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SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulate for Ge-Li	#45327	9-11-75

Sample Type-A.P.
Sample I.D.-WRU-0073
Sample No.-A6
Sample Volume-719 M^3

Date Control-September 12, 1975
Time Control-2036
Minutes Counted-100
Date Collected-4-6-75

Isotope	pCi/M^3
K-40	Less than 1.6 E-01
Cs-137	Less than 1.1 E-02
Pb-212	Less than 3.3 E-02
Ra-226	Less than 3.3 E-01

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REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulate for Ge-Li	#45327	9-11-75

Sample Type-A.P.	Date Control-September 12, 1975
Sample I.D.-WRU-0118	Time Control-2220
Sample No.-A6	Minutes Counted-100
Sample Volume-720 M^3	Date Collected-5-6-75

Isotope	pCi/M^3
K-40	1.9 ± 1.2 E-01
Nb-95	Less than 1.3 E-02
Zr-95	8.5 ± 8.5 E-03
Cs-137	Less than 1.1 E-02
Bi-214	Less than 3.5 E-02
Tl-208	Less than 1.2 E-02
Be-7	Less than 8.1 E-02
Ra-226	Less than 3.4 E-01

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SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulate for Ge-Li	#45327	9-11-75

Sample Type-A.P.
Sample I.D.-WRU-0141
Sample No.-A6
Sample Volume-1051 M^3

Date Control-September 13, 1975
Time Control-0023
Minutes Counted-100
Date Collected-6-5-75

Isotope	pCi/M^3
K-40	Less than 1.0 E-01
Nb-95	Less than 8.1 E-03
Cs-137	Less than 7.3 E-03
Bi-214	Less than 2.3 E-02
Be-7	7.8 ± 4.7 E-02
Pb-214	Less than 2.5 E-01

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SOUTHEASTERN FACILITY

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulate for Ge-Li	#45327	9-11-75

Sample Type-A.P.
Sample I.D.-WRU-0205
Sample No.-A6
Sample Volume-474 M^3

Date Control-September 13, 1975
Time Control-1260
Minutes Counted-100
Date Collected-7-17-75

Isotope	pCi/M^3
Cs-137	Less than 2.0 E-02
Bi-214	Less than 8.4 E-02
Ce-144	2.2 ± 1.8 E-01

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